NRC-82-53

WISCONSIN PUBLIC SERVICE CORPORATION

P.O. Box 1200, Green Bay, Wisconsin 54305

April 1, 1982

Mr. Steven A. Varga, Chief
Operating Reactors Branch #1
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Varga:

Docket 50-305
Operating License DPR-43
Kewaunee Nuclear Power Plant
Environmental Qualification of Safety-Related Electrical Equipment

References:
1. Letter to E. R. Mathews of WPSC from S. A. Varga of the NRC dated June 18, 1981
2. Letter to S. A. Varga of the NRC from E. R. Mathews of WPSC dated September 21, 1981.
3. Letter to S. A. Varga of the NRC from E. R. Mathews of WPSC dated November 2, 1981
4. Letter to S. A. Varga of the NRC from E. R. Mathews of WPSC dated March 18, 1982

Reference 1 transmitted the NRC's Safety Evaluation Report of the Environmental Qualification of Safety-Related Electrical Equipment at the Kewaunee Nuclear Power Plant. Reference 2, which conveyed our response to Reference 1, delineated a schedule for four (4) subsequent submittals. A portion of that schedule dealing with the discussion of the NRC listed deficiencies was revised by Reference 3. This letter includes a detailed response to the NRC Evaluation and also transmits the fourth of these submittals which deals with aging effects on electrical equipment. It should be noted that the attached submittal incorporates the most recent data for all components identified in our earlier submittals in response to IE Bulletin 79-01B.

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PDR ADOCK 05000305
Q PDR

DISCUSSION

Aging

Our September, 1981 letter (Reference 2) indicated that this phase of our response would be submitted on this date (April 1, 1982). The review of the thermal aging effects on electrical equipment has been completed. The component evaluation sheets contained herein now reflect the evaluation of existing equipment in accordance with Section 7 of the DOR Guidelines. Aging evaluation methods consisted of identifying all age susceptible materials and establishing a qualified life based on current test and material data using the Arrhenius technique. In cases where insufficient material data was available (i.e. Marathon Motors used for the RHR pump pit fan coil units) the equipment will be replaced.(1)

We are also establishing a comprehensive preventative maintenance and surveillance program to detect and correct age related degradation. The program will insure that the required level of qualification will be maintained.

The objectives of this effort are to:

1. Establish procedures to identify and detail all maintenance, inspection and replacement schedules to insure the qualification of required safety-related equipment.

2. Supplement existing procedures to insure that an ongoing program is established to review surveillance and maintenance records for identification of potential age-related degradation.

Training of personnel in these efforts will be provided as the program is established. In this program, as in any other new program, involved personnel must know and understand the purpose, scope, intent and their individual role in order to be effective in carrying out the overall plan. Therefore, an emphasis will be placed on training.

SPECIFIC ISSUES ADDRESSED IN SER

Submergence

1. Various power and instrumentation cable has been tested for submergence. Of the 5 items of cable listed,(2) all have been tested satisfactorily for submergence or are not located below the submergence elevation (599.88 ft.). See the individual component sheets for details and test references.

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(1) Letter to S. A. Varga (NRC) from E. R. Mathews (WPSC) dated March 23, 1982.
(2) See page B-1 SER Response Appendix B.

2. Limit Switches on letdown orifice isolation valves (CV-31231, CV-31232 and CV-31233,[1] were reported via LER 80-41 and are environmentally qualified components. Conax seals will be installed during the spring outage of 1982. To our knowledge, submergence tests have not been performed on these limit switches. The location of these valves is such that containment isolation will have occurred prior to submergence. LOCA procedures do not require using letdown during mitigation of the accident. Therefore, there is no need to open the valves after containment isolation is reset.

3. Accumulator Isolation Valve (MV-32091)[2] -- Its breaker is locked open to prevent inadvertent closure in accordance with Technical Specification 3.3.a.F.2. Since the valve cannot change position, submergence of the valve will not mislead the operator or adversely affect any safety function.

4. Steam Generator Blowdown Isolation Valves (MW-32077 and MW-32079)(3) -- The location of these valves is such that containment isolation will have occurred prior to having reached flood level. Additionally, the other train of Blowdown Isolation Valves (MW-32078 and MV-32080) are located outside of containment and are qualified for their environment.

5. RHR Pump Pit Sump level switches (16638, 16639, 1669301, 1669302, 1669401 and 1669402)[4] -- As indicated on the component sheets in this submittal, these items are qualified for submergence.

HELB Submergence

Submergence due to HELB outside containment was reported in our HELB submittal previously.[5] Flooding from a HELB would not reach a level sufficient to endanger any equipment required for accident mitigation and no potential equipment damage was determined due to water cascading between floors.

Chemical Spray

All components inside the containment, with exception of the D. G. O'Brien electrical penetrations and the Magnetrol level indicators, have been tested for

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(1) See page A-1 and B-6 SER Response Appendix A and B respectively.
(2) See page B-15 SER Response Appendix B.
(3) See page B-11 SER Response Appendix B.
(4) See page B-14 & 15 SER Response Appendix B.
(5) Letter to S. A. Varga (NRC) from E. R. Mathews (WPSC) dated December 15, 1981.

chemical spray. These exceptions have been analyzed and are not degraded to any significant degree from the effects of the spray as indicated on their respective sheets.

The results of the chemical spray study were transmitted to you previously.(1) The attached updated component sheets reflect the qualification of this equipment to undergo chemical spray and perform its designated function for the accident.

Radiation (Inside and Outside Containment)

Radiation doses specified on the component data sheets indicate the predicted post-accident dose levels for the specified individual equipment. Beta and gamma dose levels are specified for equipment located inside containment; doses for equipment located outside of containment have only a gamma contribution.

Service Conditions Inside Containment

For the purposes of this evaluation, the steam saturation temperature corresponding to the peak profile (293°F peak temperature at 46 psig) was used as recommended by the NRC staff in their SER Response(2). Peaks of temperature, pressure and humidity levels are provided for each component located in containment. It should be noted that the containment spray system is not subject to a disabling single component failure.

Service Conditions Outside Containment

Calculations have been performed to determine the environmental service conditions for all areas outside of containment that are subject to a potential HELB. The environmental conditions which result from a rupture were calculated using the computer program Contempt 4/Mod 2. Peak temperature, pressure and humidity levels are provided with the evaluation sheets for each component located in an area subject to a potential HELB. The HELB study was provided previously in an earlier submittal.(3)

Components not qualified for their environmental service conditions have been designated for resolution as shown on the component evaluation sheets prior to the June 30, 1982, deadline. In addition, the programs described herein are being developed and will be implemented as soon as practicable.

Very truly yours,

E. R. Mathews

E. R. Mathews, Senior Vice President
Power Supply & Engineering

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Attach.

cc - Mr. Robert Nelson, NRC Resident Inspector
RR #1, Box 999, Kewaunee, WI 54216

(1) Letter to S. A. Varga (NRC) from E. R. Mathews (WPSC) dated January 29, 1982.
(2) Letter to E. R. Mathews (WPSC) from S. A. Varga (NRC) dated June 18, 1981.
(3) Letter to S. A. Varga (NRC) from E. R. Mathews (WPSC) dated Dec. 15, 1981.

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
AUX. BLDG. SPECIAL VENT	ALLEN BRADLEY	34010-L	LOCA	YES (R)
AUX. BLDG. SPECIAL VENT	ALLEN BRADLEY	34013-L	LOCA	YES (R)
AUX. BLDG. SPECIAL VENT	ALLEN BRADLEY	34014-L	LOCA	YES (R)
AUX. BLDG. SPECIAL VENT	ALLEN BRADLEY	34015-L	LOCA	YES (R)
AUX. BLDG. SPECIAL VENT	ASCO	33309	LOCA	YES (R)
AUX. BLDG. SPECIAL VENT	ASCO	33310	LOCA	YES (R)
AUX. BLDG. SPECIAL VENT	ASCO	33416	LOCA	NO
AUX. BLDG. SPECIAL VENT	ASCO	33417	LOCA	NO
AUX. BLDG. SPECIAL VENT	ASCO	33418	LOCA	YES (R)
AUX. BLDG. SPECIAL VENT	ASCO	33419	LOCA	NO
AUX. BLDG. SPECIAL VENT	ASCO	33420	LOCA	NO
AUX. BLDG. SPECIAL VENT	ASCO	33421	LOCA	YES (R)
AUX. BLDG. SPECIAL VENT	ASCO	33422	LOCA	YES (R)
AUX. BLDG. SPECIAL VENT	ASCO	33425	LOCA	YES (R)
AUX. BLDG. SPECIAL VENT	ASCO	33426	LOCA	YES (R)
AUX. BLDG. SPECIAL VENT	ASCO	33427	LOCA	YES (R)
AUX. BLDG. SPECIAL VENT	ASCO	33428	LOCA	YES (R)

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HABSH
AUX. BLDG. SPECIAL VENT	ASCO	33435	HEIB	YES (H)
AUX. BLDG. SPECIAL VENT	ASCO	33446	HEIB	YES (H)
AUX. BLDG. SPECIAL VENT	ASCO	33449	HEIB	YES (H)
AUX. BLDG. SPECIAL VENT	BRIGGS ELECTRIC	1E-0575	HEIB	NO
AUX. BLDG. SPECIAL VENT	BRIGGS ELECTRIC	1E-0576	HEIB	NO
AUX. BLDG. SPECIAL VENT	CHROMALOX	1-449	LOCA	YES (H)
AUX. BLDG. SPECIAL VENT	CHROMALOX	1-450	LOCA	YES (H)
AUX. BLDG. SPECIAL VENT	FENWAL	FEN-3	LOCA	YES (H)
AUX. BLDG. SPECIAL VENT	FENWAL	FEN-4	LOCA	YES (H)
AUX. BLDG. SPECIAL VENT	FOXBORO	1E-0577	HEIB	NO
AUX. BLDG. SPECIAL VENT	FOXBORO	1E-0578	HEIB	NO
AUX. BLDG. SPECIAL VENT	FOXBORO	1E-0579	HEIB	NO
AUX. BLDG. SPECIAL VENT	FOXBORO	1E-0580	HEIB	NO
AUX. BLDG. SPECIAL VENT	FOXBORO	15252	HEIB	NO
AUX. BLDG. SPECIAL VENT	FOXBORO	15253	HEIB	NO
AUX. BLDG. SPECIAL VENT	FOXBORO	15254	HEIB	NO
AUX. BLDG. SPECIAL VENT	FOXBORO	15255	HEIB	NO

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HASSH
AUX. BLDG. SPECIAL VENT	FOXBORO	15256	HEIB	NO
AUX. BLDG. SPECIAL VENT	FOXBORO	15257	HEIB	NO
AUX. BLDG. SPECIAL VENT	FOXBORO	15258	HEIB	NO
AUX. BLDG. SPECIAL VENT	FOXBORO	15259	HEIB	NO
AUX. BLDG. SPECIAL VENT	FOXBORO	15261	HEIB	NO
AUX. BLDG. SPECIAL VENT	FOXBORO	15262	HEIB	NO
AUX. BLDG. SPECIAL VENT	FOXBORO	15263	HEIB	NO
AUX. BLDG. SPECIAL VENT	FOXBORO	15264	HEIB	YES (T,H)
AUX. BLDG. SPECIAL VENT	FOXBORO	15265	HEIB	YES (T,H)
AUX. BLDG. SPECIAL VENT	FOXBORO	15266	HEIB	NO
AUX. BLDG. SPECIAL VENT	FOXBORO	15267	HEIB	NO
AUX. BLDG. SPECIAL VENT	FOXBORO	15268	HEIB	NO
AUX. BLDG. SPECIAL VENT	FOXBORO	15269	HEIB	NO
AUX. BLDG. SPECIAL VENT	FOXBORO	15270	HEIB	NO
AUX. BLDG. SPECIAL VENT	FOXBORO	15271	HEIB	NO
AUX. BLDG. SPECIAL VENT	FOXBORO	15272	HEIB	NO
AUX. BLDG. SPECIAL VENT	FOXBORO	15273	HEIB	YES (T,H)

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
AUX. BLDG. SPECIAL VENT	FOXBOBO	15274	HEIB	NO
AUX. BLDG. SPECIAL VENT	FOXBOBO	15275	HEIB	NO
AUX. BLDG. SPECIAL VENT	FOXBOBO	15276	HEIB	NO
AUX. BLDG. SPECIAL VENT	FOXBOBO	15277	HEIB	NO
AUX. BLDG. SPECIAL VENT	FOXBOBO	15279	HEIB	YES (T,H)
AUX. BLDG. SPECIAL VENT	FOXBOBO	15280	HEIB	NO
AUX. BLDG. SPECIAL VENT	FOXBOBO	15281	HEIB	NO
AUX. BLDG. SPECIAL VENT	FOXBOBO	15282	HEIB	NO
AUX. BLDG. SPECIAL VENT	FOXBOBO	15283	HEIB	NO
AUX. BLDG. SPECIAL VENT	FOXBOBO	15284	HEIB	NO
AUX. BLDG. SPECIAL VENT	FOXBOBO	15285	HEIB	NO
AUX. BLDG. SPECIAL VENT	FOXBOBO	15286	HEIB	NO
AUX. BLDG. SPECIAL VENT	HONEYWELL	26341	LOCA	YES (R)
AUX. BLDG. SPECIAL VENT	HONEYWELL	26342	LOCA	YES (R)
AUX. BLDG. SPECIAL VENT	JOHNSON	33252	LOCA	YES (R)
AUX. BLDG. SPECIAL VENT	JOHNSON	33254	LOCA	YES (R)
AUX. BLDG. SPECIAL VENT	JOHNSON	33255	LOCA	YES (R)

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
AUX. BLDG. SPECIAL VENT	JOHNSON	33256	LOCA	YES (R)
AUX. BLDG. SPECIAL VENT	JOHNSON	33257	LOCA	YES (R)
AUX. BLDG. SPECIAL VENT	JOHNSON	33259	LOCA	YES (R)
AUX. BLDG. SPECIAL VENT	JOHNSON	33260	LOCA	NO
AUX. BLDG. SPECIAL VENT	JOHNSON	3326101	LOCA	NO
AUX. BLDG. SPECIAL VENT	JOHNSON	3326102	LOCA	NO
AUX. BLDG. SPECIAL VENT	JOHNSON	33262-01	LOCA	YES (R)
AUX. BLDG. SPECIAL VENT	JOHNSON	33262-02	LOCA	YES (R)
AUX. BLDG. SPECIAL VENT	JOHNSON	33263-01	LOCA	NO
AUX. BLDG. SPECIAL VENT	JOHNSON	33263-02	LOCA	NO
AUX. BLDG. SPECIAL VENT	JOHNSON	33264-01	LOCA	NO
AUX. BLDG. SPECIAL VENT	JOHNSON	33264-02	LOCA	NO
AUX. BLDG. SPECIAL VENT	JOHNSON	33267	LOCA	YES (R)
AUX. BLDG. SPECIAL VENT	JOHNSON	33268-01	LOCA	YES (R)
AUX. BLDG. SPECIAL VENT	JOHNSON	33268-02	LOCA	YES (R)
AUX. BLDG. SPECIAL VENT	JOHNSON	3327001	LOCA	NO
AUX. BLDG. SPECIAL VENT	JOHNSON	3327002	LOCA	NO

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HABSH
AUX. BLDG. SPECIAL VENT	JOHNSON	33271	LOCA	YES (H)
AUX. BLDG. SPECIAL VENT	JOHNSON	33328	LOCA	YES (H)
AUX. BLDG. SPECIAL VENT	JOHNSON	33329	LOCA	YES (H)
AUX. BLDG. SPECIAL VENT	JOHNSON	33366	LOCA	YES (H)
AUX. BLDG. SPECIAL VENT	JOHNSON	33429	HELB	NO
AUX. BLDG. SPECIAL VENT	JOHNSON	33430	HELB	NO
AUX. BLDG. SPECIAL VENT	JOHNSON	33431	HELB	NO
AUX. BLDG. SPECIAL VENT	JOHNSON	33432	HELB	NO
AUX. BLDG. SPECIAL VENT	JOHNSON	33433	HELB	YES (T,H)
AUX. BLDG. SPECIAL VENT	JOHNSON	33434	HELB	YES (H)
AUX. BLDG. SPECIAL VENT	JOHNSON	33436	HELB	NO
AUX. BLDG. SPECIAL VENT	JOHNSON	33437	HELB	NO
AUX. BLDG. SPECIAL VENT	JOHNSON	33438	HELB	NO
AUX. BLDG. SPECIAL VENT	JOHNSON	33439	HELB	NO
AUX. BLDG. SPECIAL VENT	JOHNSON	33440	HELB	NO
AUX. BLDG. SPECIAL VENT	JOHNSON	33441	LOCA HELB	NO NO
AUX. BLDG. SPECIAL VENT	JOHNSON	33442	LOCA HELB	NO NO

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
AUX. BLDG. SPECIAL VENT	JOHNSON	33443	HEIB	NO
AUX. BLDG. SPECIAL VENT	JOHNSON	33444	HEIB	NO
AUX. BLDG. SPECIAL VENT	JOHNSON	33445	HEIB	NO
AUX. BLDG. SPECIAL VENT	JOHNSON	33447	HEIB	NO
AUX. BLDG. SPECIAL VENT	JOHNSON	33448	HEIB	NO
AUX. BLDG. SPECIAL VENT	JOHNSON	33450	HEIB	NO
AUX. BLDG. SPECIAL VENT	JOHNSON	33451	HEIB	NO
AUX. BLDG. SPECIAL VENT	JOHNSON	33452	HEIB	YES (T,H)
AUX. BLDG. SPECIAL VENT	JOHNSON	33453	HEIB	YES (T,H)
AUX. BLDG. SPECIAL VENT	RELIANCE	1-126	LOCA	YES (H)
AUX. BLDG. SPECIAL VENT	RELIANCE	1-144	LOCA	YES (H)
AUX. BLDG. VENT	ASCO	33302	LOCA	NO
AUX. BLDG. VENT	ASCO	33303	LOCA	YES (H)
AUX. BLDG. VENT	ASCO	33304	LOCA	YES (H)
AUX. BLDG. VENT	ASCO	33307	LOCA	NO
AUX. BLDG. VENT	ASCO	33308	LOCA	NO
AUX. BLDG. VENT	ASCO	33313	LOCA	NO
AUX. BLDG. VENT	LOUIS ALLIS	1-131	LOCA	NO
AUX. BLDG. VENT	LOUIS ALLIS	1-136	LOCA	NO
AUX. BLDG. VENT	MARATHON	1-298	LOCA	YES (H)

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	BABSH
AUX. BLDG. VENT	MARATHON	1-299	LOCA	YES (R)
AUX. BLDG. VENT	US ELECTRIC	1-164	LOCA	NO
AUX. BLDG. VENT	US ELECTRIC	1-183	LOCA	NO
AUX. BLDG. VENT	WESTINGHOUSE	19526	LOCA	NO
AUX. BLDG. VENT	WESTINGHOUSE	19527	LOCA	NO
AUX. BLDG. VENT	WESTINGHOUSE	19528	LOCA	NO
AUX. BLDG. VENT	WESTINGHOUSE	19529	LOCA	NO
AUX. BLDG. VENT	WESTINGHOUSE	19530	LOCA	YES (R)
AUX. BLDG. VENT	WESTINGHOUSE	19531	LOCA	YES (R)
AUX. FEEDWATER	ALLIS CHALMERS	1-024	LOCA HEIB	NO NO
AUX. FEEDWATER	ALLIS CHALMERS	1-031	LOCA HEIB	NO NO
AUX. FEEDWATER	ALLIS CHALMERS	1-280	LOCA HEIB	NO NO
AUX. FEEDWATER	ALLIS CHALMERS	1-281	LOCA HEIB	NO NO
AUX. FEEDWATER	ASCO	33323	LOCA HEIB	NO NO
AUX. FEEDWATER	ASCO	33324	LOCA	NO
AUX. FEEDWATER	ASHCROFT	16085	HEIB	NO
AUX. FEEDWATER	ASHCROFT	16114	HEIB	NO
AUX. FEEDWATER	ASHCROFT	16937	HEIB	NO
AUX. FEEDWATER	LIMITORQUE	32027	LOCA HEIB	NO YES (T,H)
AUX. FEEDWATER	LIMITORQUE	32028	LOCA HEIB	NO NO
AUX. FEEDWATER	LIMITORQUE	32040	LOCA HEIB	NO NO
AUX. FEEDWATER	WESTINGHOUSE	1-036	LOCA HEIB	NO NO

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
AUX. FEEDWATER	WESTINGHOUSE	19474	EELE	NO
AUX. FEEDWATER	WOODWARD GOVERNOR CO	MS-103	HEIB	NO
COMPONENT COOLING	LIMITORQUE	32082	LOCA	YES (R)
COMPONENT COOLING	LIMITORQUE	32083	LOCA	YES (T)
COMPONENT COOLING	LIMITORQUE	32084	LOCA	YES (R)
COMPONENT COOLING	LIMITORQUE	32085	LOCA	YES (R)
COMPONENT COOLING	LIMITORQUE	32086	LOCA	YES (R)
COMPONENT COOLING	LIMITORQUE	32087	LOCA	YES (R)
COMPONENT COOLING	LIMITORQUE	32088	LOCA	YES (R)
COMPONENT COOLING	LIMITORQUE	32119	LOCA	YES (R)
COMPONENT COOLING	LIMITORQUE	32120	LOCA	YES (R)
COMPONENT COOLING	LIMITORQUE	32121	LOCA	NO
COMPONENT COOLING	LIMITORQUE	32122	LOCA	NO
COMPONENT COOLING	WESTINGHOUSE	1-021	LOCA	NO
COMPONENT COOLING	WESTINGHOUSE	1-028	LOCA	NO
CONTROL ROOM LOCATED EQUIPMENT	WESTINGHOUSE	41000	LOCA	NO
CONTROL ROOM LOCATED EQUIPMENT	WESTINGHOUSE	46000	LOCA	NO
CR-HVAC	AGASTAT	62-1/1-318	LOCA	YES (R)
CR-HVAC	AGASTAT	62-2/1-318	LOCA	YES (R)
CR-HVAC	ALLIS CHALMERS	1-463	LOCA	NO
CR-HVAC	ALLIS CHALMERS	1-464	LOCA HEIB	NO NO
CR-HVAC	ASCO	33353	LOCA	NO
CR-HVAC	ASCO	33354	LOCA	NO
CR-HVAC	ASCO	33641	LOCA HEIB	NO NO

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
CRM-HVAC	BARNES	1E-0562	HELE	YES (T,H)
CR-HVAC	HONEYWELL	26345	LOCA	NO
CR-HVAC	HONEYWELL	26346	LOCA	NO
CR-HVAC	JOHNSON	32143	LOCA	NO
CR-HVAC	JOHNSON	32144	LOCA HELB	NO NO
CR-HVAC	JOHNSON	32367	LOCA	NO
CR-HVAC	JOHNSON	32368	LOCA	NO
CR-HVAC	JOHNSON	32370	LOCA HELB	NO NO
CR-HVAC	JOHNSON	32371	LOCA HELE	NO NO
CR-HVAC	JOHNSON	32374	LOCA	NO
CR-HVAC	JOHNSON	33094	LOCA HELB	NO NO
CR-HVAC	RELIANCE	1-265	LOCA HELB	NO NO
CR-HVAC	RELIANCE	1-266	LOCA HELB	NO NO
CR-HVAC	TRANE	1-315	LOCA	NO
CR-HVAC	TRANE	1-316	LOCA HELB	NO NO
CR-HVAC	US ELECTRIC	1-317	LOCA	NO
CR-HVAC	US ELECTRIC	1-318	LOCA HELB	NO NO
CHEMICAL & VOL. CONTROL	ASCO	33193	LOCA	YES (H)
CHEMICAL & VOL. CONTROL	ASCO	33199	LOCA	YES (T,P,H,CS,R,S)
CHEMICAL & VOL. CONTROL	ASCO	33200	LOCA	YES (T,P,H,CS,R,S)

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
CHEMICAL & VOL. CONTROL	ASCO	33201	LOCA	YES (T,P,H,CS,R,S)
CHEMICAL & VOL. CONTROL	BARTON	24023	HELB	NO
CHEMICAL & VOL. CONTROL	BARTON	24024	HELB	NO
CHEMICAL & VOL. CONTROL	BARTON	24025	HELB	NO
CHEMICAL & VOL. CONTROL	BARTON	24026	HELB	NO
CHEMICAL & VOL. CONTROL	BARTON	24027	HELB	NO
CHEMICAL & VOL. CONTROL	BARTON	24028	HELB	NO
CHEMICAL & VOL. CONTROL	BARTON	24038	HELB	NO
CHEMICAL & VOL. CONTROL	BARTON	24039	HELB	NO
CHEMICAL & VOL. CONTROL	LIMITORQUE	32115 #	LOCA	YES (R)
CHEMICAL & VOL. CONTROL	LIMITORQUE	32124 #	LOCA	YES (T,P,H,CS,R)
CHEMICAL & VOL. CONTROL	NAMCO	31231-L	LOCA	YES (T,P,H,CS,R,S)
CHEMICAL & VOL. CONTROL	NAMCO	31232-L	LOCA	YES (T,P,H,CS,R,S)
CHEMICAL & VOL. CONTROL	NAMCO	31233-L	LOCA	YES (T,P,H,CS,R,S)
CHEMICAL & VOL. CONTROL	NAMCO	31234-L	LOCA	YES (R)
D.C. AUXILIARIES/ EMERGENCY A.C.	ALLEN BRADLEY	1E-0530-A	LOCA HELB	NO NO
D.C. AUXILIARIES/ EMERGENCY A.C.	ALLEN BRADLEY	1E-0530-E	LOCA HELB	NO NO

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
D.C. AUXILIARIES/ EMERGENCY A.C.	C & D	1E-0532-A	LOCA	NO
			HELE	NO
D.C. AUXILIARIES/ EMERGENCY A.C.	C & D	1E-0532-B	LOCA	NO
			HELE	NO
D.C. AUXILIARIES/ EMERGENCY A.C.	C & D	1E-0539-A	LOCA	NO
			HELE	NO
D.C. AUXILIARIES/ EMERGENCY A.C.	C & D	1E-0539-B	LOCA	NO
			HELE	NO
D.C. AUXILIARIES/ EMERGENCY A.C.	COMMONWEALTH	1E-0519	HELE	NO
D.C. AUXILIARIES/ EMERGENCY A.C.	COMMONWEALTH	1E-0520-A	LOCA	NO
			HELE	NO
D.C. AUXILIARIES/ EMERGENCY A.C.	COMMONWEALTH	1E-0520-B	LOCA	NO
			HELE	NO
D.C. AUXILIARIES/ EMERGENCY A.C.	COMMONWEALTH	1E-0521-A	LOCA	NO
			HELE	NO
D.C. AUXILIARIES/ EMERGENCY A.C.	COMMONWEALTH	1E-0521-B	LOCA	NO
			HELE	NO
D.C. AUXILIARIES/ EMERGENCY A.C.	COMMONWEALTH	1E-0522-A	LOCA	NO
			HELE	NO
D.C. AUXILIARIES/ EMERGENCY A.C.	COMMONWEALTH	1E-0522-B	LOCA	NO
			HELE	NO
D.C. AUXILIARIES/ EMERGENCY A.C.	COMMONWEALTH	1E-0523-A	LOCA	NO
			HELE	NO
D.C. AUXILIARIES/ EMERGENCY A.C.	COMMONWEALTH	1E-0523-B	LOCA	NO
			HELE	NO
D.C. AUXILIARIES/ EMERGENCY A.C.	COMMONWEALTH	1E-0524	HELE	NO
D.C. AUXILIARIES/ EMERGENCY A.C.	COMMONWEALTH	1E-0541-A	LOCA	NO
D.C. AUXILIARIES/ EMERGENCY A.C.	COMMONWEALTH	1E-0541-B	LOCA	NO
D.C. AUXILIARIES/ EMERGENCY A.C.	COMMONWEALTH	1E-0542-A	LOCA	NO

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
D.C. AUXILIARIES/ EMERGENCY A.C.	COMMONWEALTH	1E-0542-B	LOCA	NO
D.C. AUXILIARIES/ EMERGENCY A.C.	SOLIDSTATE CONTROLS	1E-0544	HELB	NO
D.C. AUXILIARIES/ EMERGENCY A.C.	SORGEL ELECTRIC	1E-0540-A	LOCA HELB	NO NO
D.C. AUXILIARIES/ EMERGENCY A.C.	SORGEL ELECTRIC	1E-0540-B	LOCA HELB	NO NO
D.C. AUXILIARIES/ EMERGENCY A.C.	WESTINGHOUSE	1E-0526-A	LOCA HELB	NO NO
D.C. AUXILIARIES/ EMERGENCY A.C.	WESTINGHOUSE	1E-0526-B	LOCA HELB	NO NO
D.C. AUXILIARIES/ EMERGENCY A.C.	WESTINGHOUSE	1E-0534-A	LOCA HELB	NO NO
D.C. AUXILIARIES/ EMERGENCY A.C.	WESTINGHOUSE	1E-0535-B	LOCA HELB	NO NO
D.C. AUXILIARIES/ EMERGENCY A.C.	WESTINGHOUSE	1E-0536-B	LOCA HELB	NO NO
D.C. AUXILIARIES/ EMERGENCY A.C.	WESTINGHOUSE	1E-0537-A	LOCA HELB	NO NO
DIESEL GENERATOR MECHANICAL	BARNES	1E-0493	HELB	NO
DIESEL GENERATOR MECHANICAL	BARNES	1E-0494	HELB	NO
DIESEL GENERATOR MECHANICAL	BARNES	1E-0495	HELB	NO
DIESEL GENERATOR MECHANICAL	BARNES	1E-0498	HELB	NO
DIESEL GENERATOR MECHANICAL	BARTON	11267	LOCA	NO
DIESEL GENERATOR MECHANICAL	BARTON	11268	LOCA	NO
DIESEL GENERATOR MECHANICAL	COMSTOCK	1E-0496	HELB	NO

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	BARSH
DIESEL GENERATOR MECHANICAL	LINCOLN	1-141	LOCA	NO
DIESEL GENERATOR MECHANICAL	LINCOLN	1-436	LOCA HELB	NO NO
DIESEL GENERATOR MECHANICAL	NEDA PUMP	1-110	LOCA HELB	NO NO
DIESEL GENERATOR MECHANICAL	NEDA PUMP	1-139	LOCA HELB	NO NO
DIESEL GENERATOR MECHANICAL	WESTERN ENGINE	D/G-1A	LOCA	NO
DIESEL GENERATOR MECHANICAL	WESTERN ENGINE	D/G-1B	LOCA	NO
DIESEL GENERATOR MECHANICAL	WESTERN ENGINE	1E-0480	HELB	NO
DIESEL GENERATOR MECHANICAL	WESTERN ENGINE	1E-0490	HELB	NO
FEEDWATER SYS.	ASCO	33074	LOCA	YES (T,B)
FEEDWATER SYS.	ASCO	33075	LOCA	YES (T,B)
FEEDWATER SYS.	ASCO	33077	LOCA	YES (T,B)
FEEDWATER SYS.	ASCO	33078	LOCA	YES (T,B)
FEEDWATER SYS.	ASCO	33080	LOCA	YES (T,B)
FEEDWATER SYS.	ASCO	33081	LOCA	YES (T,B)
FEEDWATER SYS.	ASCO	33082	LOCA	YES (T,B)
FEEDWATER SYS.	ASCO	33083	LOCA	YES (T,B)
FEEDWATER SYS.	LIMITORQUE	32015	LOCA HELB	YES (T) YES (T,H)
FEEDWATER SYS.	LIMITORQUE	32016	LOCA HELB	NO YES (T,H)
INTERNAL CONTAINMENT SPRAY	ALLIS CHALMERS	1-107	LOCA	YES (B)
INTERNAL CONTAINMENT SPRAY	ALLIS CHALMERS	1-148	LOCA	YES (B)

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
INTERNAL CONTAINMENT SPRAY	ASCO	33086	LOCA	NO
INTERNAL CONTAINMENT SPRAY	ASCO	33087	LOCA	NO
INTERNAL CONTAINMENT SPRAY	ASCO	33378	LOCA	YES (B)
INTERNAL CONTAINMENT SPRAY	ASCO	33379	LOCA	YES (B)
INTERNAL CONTAINMENT SPRAY	FOXBORO	21114	LOCA	YES (B)
INTERNAL CONTAINMENT SPRAY	FOXBORO	21115	LOCA	YES (B)
INTERNAL CONTAINMENT SPRAY	FOXBORO	24067	LOCA	YES (B)
INTERNAL CONTAINMENT SPRAY	LIMITORQUE	32066	LOCA	YES (B)
INTERNAL CONTAINMENT SPRAY	LIMITORQUE	32067	LOCA	YES (B)
INTERNAL CONTAINMENT SPRAY	LIMITORQUE	32068	LOCA	YES (B)
INTERNAL CONTAINMENT SPRAY	LIMITORQUE	32069	LOCA	YES (B)
INTERNAL CONTAINMENT SPRAY	LIMITORQUE	32125	LOCA	YES (B)
INTERNAL CONTAINMENT SPRAY	LIMITORQUE	32126	LOCA	YES (B)
INTERNAL CONTAINMENT SPRAY	NAMCO	31272-1	LOCA	NO
INTERNAL CONTAINMENT SPRAY	NAMCO	31273-1	LOCA	NO
INTERNAL CONTAINMENT SPRAY	NAMCO	31393-1	LOCA	YES (B)
INTERNAL CONTAINMENT SPRAY	NAMCO	31394-1 @	LOCA	YES (B)

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HASH
POST LOCA H2	LIMITORQUE	32145	LOCA	YES (T,P,H,CS,R)
POST LOCA H2	LIMITORQUE	32146	LOCA	YES (T,P,H,CS,R)
POST LOCA H2	LIMITORQUE	32147	LOCA	YES (T,H,R)
POST LOCA H2	LIMITORQUE	32148	LOCA	YES (T,H,R)
MISCELLANEOUS	BOSTON INSULATE WIRE	BIW-1	LOCA	YES (T,P,H,CS,R,S)
MISCELLANEOUS	CHEVRON	CHE-1	LOCA	YES (T,P,H,CS,R,S)
MISCELLANEOUS	D. G. O'BRIEN	DGO-1	LOCA	YES (T,P,H,CS,R)
MISCELLANEOUS	D. G. O'BRIEN	DGO-2	LOCA HELB	YES (T,P,H,CS,R) YES (T,H)
MISCELLANEOUS	D. G. O'BRIEN	DGO-3	LOCA	YES (T,P,H,CS,R)
MISCELLANEOUS	D. G. O'BRIEN	DGO-4	LOCA HELB	YES (T,P,H,CS,R) YES (T,H)
MISCELLANEOUS	D. G. O'BRIEN	DGO-5	LOCA	YES (T,P,H,CS,R)
MISCELLANEOUS	D. G. O'BRIEN	DGO-6	LOCA HELB	YES (T,P,H,CS,R) YES (T,H)
MISCELLANEOUS	GENERAL ELECTRIC	GEN-2	LOCA	YES (T,P,H,CS,R)
MISCELLANEOUS	KERITE	KER-1	LOCA	YES (T,P,H,CS,R,S)
MISCELLANEOUS	KERITE	KER-2	LOCA	YES (T,P,H,CS,R)
MISCELLANEOUS	NEBULA	NEB-1	LOCA	YES (T,P,H,CS,R)
MISCELLANEOUS	OKONITE	OKO-1	LOCA	YES (T,P,H,CS,R,S)
MISCELLANEOUS	OKONITE	OKO-2	LOCA	YES (T,P,H,CS,R)
MAIN STEAM	ASCO	33025	HELB	YES (T,H)
MAIN STEAM	ASCO	33026 R	HELB	YES (T,H)
MAIN STEAM	ASCO	33177	HELB	YES (T,H)
MAIN STEAM	ASCO	33178 R	HELB	YES (T,H)
MAIN STEAM	ASCO	33181	HELB	YES (T,H)
MAIN STEAM	ASCO	33182 R	HELB	YES (T,H)

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
MAIN STEAM	ASCO	33183	HELE	YES (T,H)
MAIN STEAM	ASCO	33184	HELE	YES (T,H)
MAIN STEAM	ASCO	33185	HELE	YES (T,H)
MAIN STEAM	ASCO	33186	HELE	YES (T,H)
MAIN STEAM	BARTON	23001	LOCA	YES (T,P,H,CS,R)
			HELE	YES (R)
MAIN STEAM	BARTON	23002	LOCA	YES (T,P,H,CS,R)
			HELE	YES (R)
MAIN STEAM	BARTON	23005	LOCA	YES (T,P,H,CS,R)
			HELE	YES (R)
MAIN STEAM	BARTON	23007	LOCA	YES (T,P,H,CS,R)
			HELE	YES (R)
MAIN STEAM	FOXBORO	21094	HELE	YES (T,H)
MAIN STEAM	FOXBORO	21095	HELE	YES (T,H)
MAIN STEAM	FOXBORO	21096	HELE	YES (T,H)
MAIN STEAM	FOXBORO	21097	HELE	YES (T,H)
MAIN STEAM	FOXBORO	21098	HELE	YES (T,H)
MAIN STEAM	FOXBORO	21099	HELE	YES (T,H)
MAIN STEAM	FOXBORO	24042	LOCA	YES (T,P,H,CS,R)
MAIN STEAM	FOXBORO	24043	LOCA	YES (T,P,H,CS,R)
MAIN STEAM	FOXBORO	24044	LOCA	YES (T,P,H,CS,R)
MAIN STEAM	FOXBORO	24046	LOCA	YES (T,P,H,CS,R)
MAIN STEAM	FOXBORO	24047	LOCA	YES (T,P,H,CS,R)
MAIN STEAM	FOXBORO	24048	LOCA	YES (T,P,H,CS,R)
MAIN STEAM	LIMITORQUE	32038	LOCA	YES (T,R)
MAIN STEAM	LIMITORQUE	32039	LOCA	YES (T,R)
MAIN STEAM	LIMITORQUE	32077	LOCA	YES (T,P,H,CS,R,S)
			HELE	YES (R)

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
MAIN STEAM	LIMITORQUE	32078	LOCA HELE	NO YES (T,H)
MAIN STEAM	LIMITORQUE	32079	LOCA HELE	YES (T,P,H,CS,B,S,) YES (B)
MAIN STEAM	LIMITORQUE	32080	LOCA HELE	NO YES (T,H)
MAIN STEAM	UNITED ELECTRIC	16112	HELE	YES (T,H)
MAIN STEAM	UNITED ELECTRIC	16113	HELE	YES (T,H)
MAIN STEAM	WESTINGHOUSE	71011	HELE	YES (T,H)
MAIN STEAM	WESTINGHOUSE	71012	HELE	YES (T,H)
MAIN STEAM	WESTINGHOUSE	71039	HELE	YES (T,H)
MAIN STEAM	WESTINGHOUSE	71040	HELE	YES (T,H)
PRIMARY SAMPLING	ASCO	33030	LOCA	YES (T,P,H,CS,B)
PRIMARY SAMPLING	ASCO	33274	LOCA	YES (T,P,H,CS,B)
PRIMARY SAMPLING	ASCO	33325	LOCA	YES (B)
PRIMARY SAMPLING	ASCO	33326	LOCA	YES (B)
PRIMARY SAMPLING	NAMCO	31263-L #	LOCA	YES (T,P,H,CS,B)
PRIMARY SAMPLING	NAMCO	31264-L #	LOCA	YES (T,P,H,CS,B)
PRIMARY SAMPLING	NAMCO	31267-L #	LOCA	YES (B)
PRIMARY SAMPLING	NAMCO	31268-L #	LOCA	YES (B)
PRIMARY SAMPLING	VALCOR	33092	LOCA	YES (T,P,H,CS,B)
PRIMARY SAMPLING	VALCOR	33327	LOCA	YES (B)
REACTOR BUILDING VENTILATION	ALLEN BRADLEY	31337-L 2	LOCA	YES (T,H,B)
REACTOR BUILDING VENTILATION	ALLEN BRADLEY	31338-L 2	LOCA	YES (T,H,B)
REACTOR BUILDING VENTILATION	ASCO	33121	LOCA	YES (T,H,B)
REACTOR BUILDING VENTILATION	ASCO	33122	LOCA	YES (T,H,B)

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
REACTOR BUILDING VENTILATION	ASCO	33123	LOCA	YES (T,H,R)
REACTOR BUILDING VENTILATION	ASCO	33124	LOCA	YES (T,P,H,CS,R)
REACTOR BUILDING VENTILATION	ASCO	33125	LOCA	YES (T,P,H,CS,R)
REACTOR BUILDING VENTILATION	ASCO	33126	LOCA	YES (T,P,H,CS,R)
REACTOR BUILDING VENTILATION	ASCO	33127	LOCA	YES (T,H,R,)
REACTOR BUILDING VENTILATION	ASCO	33128	LOCA	YES (T,H,R,)
REACTOR BUILDING VENTILATION	ASCO	33129	LOCA	YES (T,H,R,)
REACTOR BUILDING VENTILATION	ASCO	33130	LOCA	YES (T,P,H,CS,R)
REACTOR BUILDING VENTILATION	ASCO	33131	LOCA	YES (T,P,H,CS,R)
REACTOR BUILDING VENTILATION	ASCO	33132	LOCA	YES (T,P,H,CS,R)
REACTOR BUILDING VENTILATION	ASCO	33291	LOCA	YES (T,H,R)
REACTOR BUILDING VENTILATION	ASCO	33292	LOCA	YES (T,H,R)
REACTOR BUILDING VENTILATION	ASCO	33385	LOCA	YES (R)
REACTOR BUILDING VENTILATION	ASCO	33386	LOCA	YES (R)
REACTOR BUILDING VENTILATION	ASCO	33387	LOCA	YES (R)
REACTOR BUILDING VENTILATION	BARTON	16427	LOCA	YES (R)
REACTOR BUILDING VENTILATION	BARTON	16428	LOCA	YES (R)

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HABSH
REACTOR BUILDING VENTILATION	BARTON	21100 #	LOCA	YES (T,R)
REACTOR BUILDING VENTILATION	BARTON	21101 #	LOCA	YES (T,R)
REACTOR BUILDING VENTILATION	BARTON	21102 #	LOCA	YES (T,R)
REACTOR BUILDING VENTILATION	BARTON	21117	LOCA	YES (T,R)
REACTOR BUILDING VENTILATION	BARTON	21118	LOCA	YES (T,R)
REACTOR BUILDING VENTILATION	BARTON	21119	LOCA	YES (T,R)
REACTOR BUILDING VENTILATION	BETTIS	31123-L	LOCA	YES (T,H,R)
REACTOR BUILDING VENTILATION	BETTIS	31124-L	LOCA	YES (T,P,H,CS,R)
REACTOR BUILDING VENTILATION	BETTIS	31125-L	LOCA	YES (T,H,R)
REACTOR BUILDING VENTILATION	BETTIS	31126-L	LOCA	YES (T,P,H,CS,R)
REACTOR BUILDING VENTILATION	NAMCO	31383-L #	LOCA	YES (R)
REACTOR BUILDING VENTILATION	NAMCO	31384-L #	LOCA	YES (R)
REACTOR BUILDING VENTILATION	NAMCO	31385-L #	LOCA	YES (R)
REACTOR BUILDING VENTILATION	RELIANCE	1-120	LOCA	YES (T,P,H,CS,R)
REACTOR BUILDING VENTILATION	RELIANCE	1-121	LOCA	YES (T,P,H,CS,R)
REACTOR BUILDING VENTILATION	RELIANCE	1-156	LOCA	YES (T,P,H,CS,R)
REACTOR BUILDING VENTILATION	RELIANCE	1-157	LOCA	YES (T,P,H,CS,R)

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
REACTOR BUILDING VENTILATION	RELIANCE	1-583	LOCA	YES (T,P,H,CS,R)
REACTOR BUILDING VENTILATION	RELIANCE	1-584	LOCA	YES (T,P,H,CS,R)
REACTOR COOLANT	ASCO	33093	LOCA	YES (R)
REACTOR COOLANT	ASCO	33137	LOCA	YES (R)
REACTOR COOLANT	ASCO	33170	LOCA	YES (R)
REACTOR COOLANT	ASCO	33171	LOCA	NO
REACTOR COOLANT	BARTON	24030 #	LOCA HELB	YES (T,P,H,CS,R) YES (R)
REACTOR COOLANT	BARTON	24031 #	LOCA HELB	YES (T,P,H,CS,R) YES (R)
REACTOR COOLANT	BARTON	24032 #	LOCA HELB	YES (T,P,H,CS,R) YES (R)
REACTOR COOLANT	FOXBORO	21079 #	LOCA HELB	YES (T,P,H,CS,R) YES (R)
REACTOR COOLANT	FOXBORO	21080 #	LOCA HELB	YES (T,P,H,CS,R) YES (R)
REACTOR COOLANT	FOXBORO	21081 #	LOCA HELB	YES (T,P,H,CS,R) YES (R)
REACTOR COOLANT	FOXBORO	21082 #	LOCA	YES (T,P,H,CS,R)
REACTOR COOLANT	NAMCO	31259-L	LOCA	YES (R)
REACTOR COOLANT	NAMCO	31260-L	LOCA	YES (R)
REACTOR COOLANT	NAMCO	31261-L	LOCA	YES (R)
REACTOR COOLANT	NAMCO	31298-L	LOCA	YES (T)
REACTOR COOLANT	SOSTMAN CO.	15061	LOCA HELB	YES (T,P,H,CS,R) YES (R)
REACTOR COOLANT	SOSTMAN CO.	15062	LOCA HELB	YES (T,P,H,CS,R) YES (R)
REACTOR COOLANT	SOSTMAN CO.	15066	LOCA HELB	YES (T,P,H,CS,R) YES (R)

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
REACTOR COOLANT	SOSTMAN CO.	15067	LOCA	YES (T,P,H,CS,R)
			HEIE	YES (R)
REACTOR COOLANT	SOSTMAN CO.	15071	LOCA	YES (T,P,H,CS,R)
			HEIE	YES (R)
REACTOR COOLANT	SOSTMAN CO.	15072	LOCA	YES (T,P,H,CS,R)
			HEIE	YES (R)
REACTOR COOLANT	SOSTMAN CO.	15076	LOCA	YES (T,P,H,CS,R)
			HEIE	YES (R)
REACTOR COOLANT	SOSTMAN CO.	15077	LOCA	YES (T,P,H,CS,R)
			HEIE	YES (R)
RESIDUAL HEAT REMOVAL	ASCO	33330	LOCA	YES (R)
RESIDUAL HEAT REMOVAL	ASCO	33331	LOCA	YES (R)
RESIDUAL HEAT REMOVAL	BARTON	24062 #	LOCA	YES (R)
RESIDUAL HEAT REMOVAL	FOXBORO	21084 #	LOCA	YES (R)
RESIDUAL HEAT REMOVAL	FOXBORO	21085 #	LOCA	YES (R)
RESIDUAL HEAT REMOVAL	FOXBORO	24040 #	LOCA	YES (R)
RESIDUAL HEAT REMOVAL	LIMITORQUE	32134 #	LOCA	YES (R)
RESIDUAL HEAT REMOVAL	LIMITORQUE	32135 #	LOCA	YES (R)
RESIDUAL HEAT REMOVAL	MAGNETROL	16638	LOCA	YES (R)
RESIDUAL HEAT REMOVAL	MAGNETROL	16639	LOCA	YES (R)
RESIDUAL HEAT REMOVAL	MAGNETROL	1669301	LOCA	YES (R)
RESIDUAL HEAT REMOVAL	MAGNETROL	1669302	LOCA	YES (R)

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
RESIDUAL HEAT REMOVAL	MAGNETROL	1669401	LOCA	YES (R)
RESIDUAL HEAT REMOVAL	MAGNETROL	1669402	LOCA	YES (R)
RESIDUAL HEAT REMOVAL	MAGNETROL (SCHAUE ENGR)	16695	LOCA	YES (T,P,H,CS,R,S)
RESIDUAL HEAT REMOVAL	MAGNETROL (SCHAUE ENGR)	16696	LOCA	YES (T,P,H,CS,R,S)
RESIDUAL HEAT REMOVAL	WESTINGHOUSE	1-025	LOCA	YES (R)
RESIDUAL HEAT REMOVAL	WESTINGHOUSE	1-032	LOCA	YES (R)
RESIDUAL HEAT REMOVAL	WESTINGHOUSE	19493	LOCA	YES (R)
RESIDUAL HEAT REMOVAL	WESTINGHOUSE	19494	LOCA	YES (R)
RESIDUAL HEAT REMOVAL	WESTINGHOUSE	19556	LOCA	YES (R)
RESIDUAL HEAT REMOVAL	WESTINGHOUSE	19557	LOCA	YES (R)
RELAY ROOM LOCATED EQUIPMENT	BRIGGS ELECTRIC	1E-0242	LOCA	NO
RELAY ROOM LOCATED EQUIPMENT	BRIGGS ELECTRIC	1E-0243	LOCA	NO
RELAY ROOM LOCATED EQUIPMENT	BRIGGS ELECTRIC	1E-0269	LOCA	NO
RELAY ROOM LOCATED EQUIPMENT	BRIGGS ELECTRIC	1E-0270	LOCA	NO
RELAY ROOM LOCATED EQUIPMENT	BRIGGS ELECTRIC	1E-0272	HELE	NO
RELAY ROOM LOCATED EQUIPMENT	BRIGGS ELECTRIC	1E-0273	HELE	NO
RELAY ROOM LOCATED EQUIPMENT	BRIGGS ELECTRIC	1E-0274	LOCA HELE	NO NO

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
RELAY ROOM LOCATED EQUIPMENT	BRIGGS ELECTRIC	1E-0275	LOCA MELE	NO NO
RELAY ROOM LOCATED EQUIPMENT	FOXBORO	1E-0205	LOCA	NO
RELAY ROOM LOCATED EQUIPMENT	FOXBORO	1E-0206	LOCA	NO
RELAY ROOM LOCATED EQUIPMENT	FOXBORO	1E-0207	LOCA	NO
RELAY ROOM LOCATED EQUIPMENT	FOXBORO	1E-0208	LOCA	NO
RELAY ROOM LOCATED EQUIPMENT	FOXBORO	1E-0211	LOCA	NO
RELAY ROOM LOCATED EQUIPMENT	FOXBORO	1E-0212	LOCA	NO
RELAY ROOM LOCATED EQUIPMENT	FOXBORO	1E-0213	LOCA	NO
RELAY ROOM LOCATED EQUIPMENT	FOXBORO	1E-0214	LOCA	NO
RELAY ROOM LOCATED EQUIPMENT	WESTINGHOUSE	1E-0220	LOCA	NO
RELAY ROOM LOCATED EQUIPMENT	WESTINGHOUSE	1E-0221	LOCA	NO
RELAY ROOM LOCATED EQUIPMENT	WESTINGHOUSE	1E-0222	LOCA	NO
RELAY ROOM LOCATED EQUIPMENT	WESTINGHOUSE	1E-0223	LOCA	NO
RELAY ROOM LOCATED EQUIPMENT	WESTINGHOUSE	1E-0224	LOCA	NO
RELAY ROOM LOCATED EQUIPMENT	WESTINGHOUSE	1E-0225	LOCA	NO
RELAY ROOM LOCATED EQUIPMENT	WESTINGHOUSE	1E-0226	LOCA	NO
RELAY ROOM LOCATED EQUIPMENT	WESTINGHOUSE	1E-0227	LOCA	NO

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
RELAY ROOM LOCATED EQUIPMENT	WESTINGHOUSE	1E-0228	LOCA	NO
RELAY ROOM LOCATED EQUIPMENT	WESTINGHOUSE	1E-0229	LOCA	NO
RELAY ROOM LOCATED EQUIPMENT	WESTINGHOUSE	1E-0230	LOCA	NO
RELAY ROOM LOCATED EQUIPMENT	WESTINGHOUSE	1E-0231	LOCA	NO
RELAY ROOM LOCATED EQUIPMENT	WESTINGHOUSE	1E-0232	LOCA	NO
RELAY ROOM LOCATED EQUIPMENT	WESTINGHOUSE	1E-0233	LOCA	NO
SHIELD BUILDING VENTILATION	ALLEN BRADLEY	32387-1	LOCA	YES (R)
SHIELD BUILDING VENTILATION	ASCO	33311	LOCA	YES (R)
SHIELD BUILDING VENTILATION	ASCO	33312	LOCA	YES (R)
SHIELD BUILDING VENTILATION	BARTON	16416	LOCA	YES (R)
SHIELD BUILDING VENTILATION	BARTON	16417	LOCA	YES (R)
SHIELD BUILDING VENTILATION	CHROMALOX	1-238	LOCA	YES (R)
SHIELD BUILDING VENTILATION	CHROMALOX	1-239	LOCA	YES (R)
SHIELD BUILDING VENTILATION	FENWAL	FEN-1	LOCA	YES (R)
SHIELD BUILDING VENTILATION	FENWAL	FEN-2	LOCA	YES (R)
SHIELD BUILDING VENTILATION	HONEYWELL	26343	LOCA	YES (R)
SHIELD BUILDING VENTILATION	HONEYWELL	26344	LOCA	YES (R)

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
SHIELD BUILDING VENTILATION	JOHNSON	32375	LOCA HELE	NO NO
SHIELD BUILDING VENTILATION	JOHNSON	32376	LOCA	YES (R)
SHIELD BUILDING VENTILATION	JOHNSON	32377	LOCA	YES (R)
SHIELD BUILDING VENTILATION	JOHNSON	32378	LOCA	YES (R)
SHIELD BUILDING VENT SYSTEM	JOHNSON	32379	LOCA	YES (R)
SHIELD BUILDING VENTILATION	JOHNSON	32380	LOCA	YES (R)
SHIELD BUILDING VENTILATION	JOHNSON	32382	LOCA	YES (R)
SHIELD BUILDING VENTILATION	JOHNSON	32383	LOCA	YES (R)
SHIELD BUILDING VENTILATION	JOHNSON	32384	LOCA	YES (R)
SHIELD BUILDING VENTILATION	JOHNSON	32385	LOCA	YES (R)
SHIELD BUILDING VENTILATION	JOHNSON	32386	LOCA	YES (R)
SHIELD BUILDING VENTILATION	JOHNSON	32387	LOCA	YES (R)
SHIELD BUILDING VENTILATION	JOHNSON	33289	LOCA	YES (R)
SHIELD BUILDING VENTILATION	JOHNSON	33290	LOCA	YES (R)
SHIELD BUILDING VENTILATION	RELIANCE	1-127	LOCA	YES (R)
SHIELD BUILDING VENTILATION	RELIANCE	1-145	LOCA	YES (R)
SHIELD BUILDING VENTILATION	ROTRON	1-115	LOCA	YES (R)

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
SHIELD BUILDING VENTILATION	BOTRON	1-147	LOCA	YES (R)
SAFETY INJECTION	ASCO	33192	LOCA	YES (T,R)
SAFETY INJECTION	LIMITORQUE	32091	LOCA	YES (T,P,H,CS,R,S)
SAFETY INJECTION	LIMITORQUE	32092	LOCA	YES (T,P,H,CS,R)
SAFETY INJECTION	LIMITORQUE	32093	LOCA	YES (T,P,H,CS,R)
SAFETY INJECTION	LIMITORQUE	32094	LOCA	YES (R)
SAFETY INJECTION	LIMITORQUE	32095	LOCA	YES (R)
SAFETY INJECTION	LIMITORQUE	32096	LOCA	YES (T,P,H,CS,R)
SAFETY INJECTION	LIMITORQUE	32097	LOCA	YES (T,P,H,CS,R)
SAFETY INJECTION	LIMITORQUE	32098	LOCA	YES (T,P,H,CS,R)
SAFETY INJECTION	LIMITORQUE	32100	LOCA	YES (T,P,H,CS,R)
SAFETY INJECTION	LIMITORQUE	32101	LOCA	YES (T,P,H,CS,R)
SAFETY INJECTION	LIMITORQUE	32102 #	LOCA	YES (R)
SAFETY INJECTION	LIMITORQUE	32103 #	LOCA	YES (R)
SAFETY INJECTION	LIMITORQUE	32104	LOCA HEIB	NO NC
SAFETY INJECTION	LIMITORQUE	32105	LOCA HEIB	NO NC
SAFETY INJECTION	LIMITORQUE	32106	LOCA	YES (R)
SAFETY INJECTION	LIMITORQUE	32107	LOCA	YES (R)
SAFETY INJECTION	LIMITORQUE	32108 #	LOCA	YES (R)
SAFETY INJECTION	LIMITORQUE	32109 #	LOCA HEIB	NO NC
SAFETY INJECTION	LIMITORQUE	32110 #	LOCA HEIB	NO NC
SAFETY INJECTION	LIMITORQUE	32111	LOCA	YES (R)
SAFETY INJECTION	LIMITORQUE	32112	LOCA	YES (R)

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
SAFETY INJECTION	LIMITORQUE	32113 #	LOCA	YES (R)
SAFETY INJECTION	LIMITORQUE	32114 #	LOCA	YES (R)
SAFETY INJECTION	LIMITORQUE	32130	LOCA	YES (R)
SAFETY INJECTION	LIMITORQUE	32131	LOCA	YES (R)
SAFETY INJECTION	NAMCO	31253-1	LOCA	YES (T,R)
SAFETY INJECTION	WESTINGHOUSE	1-020	LOCA HEIB	YES(R) NO
SAFETY INJECTION	WESTINGHOUSE	1-027	LOCA HEIB	YES (R) NO
SECONDARY SAMP.	ASCO	33016	LOCA	YES (T,P,H,CS,R)
SECONDARY SAMP.	ASCO	33017	LOCA	YES (T,R)
SECONDARY SAMP.	ASCO	33158	LOCA	YES (T,P,H,CS,R)
SECONDARY SAMP.	ASCO	33159	LOCA	YES (R)
SECONDARY SAMP.	NAMCO	31270-1 a	LOCA	YES (T,P,H,CS,R)
SECONDARY SAMP.	NAMCO	31271-1	LOCA	YES (T,R)
SECONDARY SAMP.	NAMCO	31334-1 a	LOCA	YES (T,P,H,CS,R)
SECONDARY SAMP.	NAMCO	31335-1	LOCA	YES (R)
SERVICE WATER	ALLIS CHALMERS	1-022	LOCA HEIB	NO NO
SERVICE WATER	ALLIS CHALMERS	1-023	LOCA HEIB	NO NO
SERVICE WATER	ALLIS CHALMERS	1-029	LOCA HEIB	NO NO
SERVICE WATER	ALLIS CHALMERS	1-030	LOCA HEIB	NO NO
SERVICE WATER	ASCO	33018	HEIB	NO
SERVICE WATER	ASCO	33019	HEIB	NO
SERVICE WATER	ASCO	33020	HEIB	NO
SERVICE WATER	ASCO	33021	HEIB	NO

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
SERVICE WATER	ASCO	33033	LOCA	NO
			HELB	NO
SERVICE WATER	ASCO	33034	LOCA	NO
			HELB	NO
SERVICE WATER	ASCO	33040	LOCA	NO
			HELB	NO
SERVICE WATER	ASCO	33041	LOCA	NO
			HELB	NO
SERVICE WATER	ASCO	33043	LOCA	NO
SERVICE WATER	ASCO	33044	LOCA	NO
SERVICE WATER	BARKSDALE	16421	HELB	NO
SERVICE WATER	BARKSDALE	16422	HELB	NO
SERVICE WATER	LIMITORQUE	32009	LOCA	NO
SERVICE WATER	LIMITORQUE	32010	LOCA	NO
SERVICE WATER	LIMITORQUE	32011	LOCA	NO
SERVICE WATER	LIMITORQUE	32012	LOCA	NO
SERVICE WATER	LIMITORQUE	32029	LOCA	NO
SERVICE WATER	LIMITORQUE	32030	LOCA	NO
SERVICE WATER	LIMITORQUE	32031	LOCA	NO
SERVICE WATER	LIMITORQUE	32058	LOCA	YES (R)
SERVICE WATER	LIMITORQUE	32059 #	LOCA	YES (R)
SERVICE WATER	LIMITORQUE	32060 #	LOCA	YES (R)
SERVICE WATER	LIMITORQUE	32061 #	LOCA	YES (R)
SERVICE WATER	RELIANCE	1-242	HELB	NO
SERVICE WATER	RELIANCE	1-243	HELB	NO
SERVICE WATER	RELIANCE	1-252	HELB	NO
SERVICE WATER	RELIANCE	1-294	HELB	NO
TURBINE BUILDING VENT	ALLIS CHALMERS	1-451	LOCA	NO

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
TURBINE BUILDING VENT	ALLIS CHALMERS	1-452	LOCA	NO
TURBINE BUILDING VENT	ASCO	33287	LOCA HEIB	NO NO
TURBINE BUILDING VENT	ASCO	33288	LOCA HEIB	NO NO
TURBINE BUILDING VENT	ASCO	33371	LOCA	NO
TURBINE BUILDING VENT	ASCO	33372	LOCA	NO
DIESEL GENERATOR MECHANICAL	COMSTOCK	1E-0486	HEIB	NO
TURBINE BUILDING VENT	GENERAL ELECTRIC	1-667	LOCA HEIB	NO NO
TURBINE BUILDING VENT	GENERAL ELECTRIC	1-668	LOCA HEIB	NO NO
TURBINE BUILDING VENT	JOHNSON	3336701	LOCA HEIB	NO NO
TURBINE BUILDING VENT	JOHNSON	3336702	LOCA HEIB	NO NO
TURBINE BUILDING VENT	JOHNSON	3336801	LOCA	NO
TURBINE BUILDING VENT	JOHNSON	3336802	LOCA	NO
TURBINE BUILDING VENT	JOHNSON	3336901	LOCA HEIB	NO NO
TURBINE BUILDING VENT	JOHNSON	3336902	LOCA HEIB	NO NO
TURBINE BUILDING VENT	JOHNSON	3337001	LOCA	NO
TURBINE BUILDING VENT	JOHNSON	3337002	LOCA	NO
TURBINE BUILDING VENT	JOHNSON	33454	LOCA	NO

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
TURBINE BUILDING VENT	JOHNSON	33455	LOCA	NO
TURBINE BUILDING VENT	JOHNSON	33456	LOCA HEIB	NO NO
TURBINE BUILDING VENT	JOHNSON	33457	LOCA HEIB	NO NO
TURBINE BUILDING VENT	LOUIS ALLIS	1-201	LOCA HEIB	NO NO
TURBINE BUILDING VENT	LOUIS ALLIS	1-211	LOCA HEIB	NO NO
TURBINE BUILDING VENT	PENN CONTROLS	16230	HELB	NO
TURBINE BUILDING VENT	PENN CONTROLS	16231	HELB	NO
TURBINE BUILDING VENT	RELIANCE	1-116	LOCA HEIB	NO NO
TURBINE BUILDING VENT	RELIANCE	1-118	LOCA HEIB	NO NO
TURBINE BUILDING VENT	WESTINGHOUSE	19432	LOCA	NO
TURBINE BUILDING VENT	WESTINGHOUSE	19433	LOCA	NO
TURBINE BUILDING VENT	WESTINGHOUSE	19434	LOCA	NO
TURBINE BUILDING VENT	WESTINGHOUSE	19435	LOCA	NO
TURBINE BUILDING VENT	WESTINGHOUSE	19436	LOCA	NO
TURBINE BUILDING VENT	WESTINGHOUSE	19437	LOCA	NO
TURBINE BUILDING VENT	WESTINGHOUSE	19565	LOCA	NO
TURBINE BUILDING VENT	WESTINGHOUSE	19566	LOCA	NO

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
WASTE DISPOSAL	ASCO	33024	LOCA	YES (R)
WASTE DISPOSAL	ASCO	33072	LOCA	YES (R)
WASTE DISPOSAL	ASCO	33120	LOCA	YES (R)
WASTE DISPOSAL	ASCO	33143	LOCA	YES (R)
WASTE DISPOSAL	ASCO	33145	LOCA	YES (R)
WASTE DISPOSAL	ASCO	33146	LOCA	YES (R)
WASTE DISPOSAL	ASCO	33244	LOCA	YES (R)
WASTE DISPOSAL	ASCO	33245	LOCA	YES (R)
WASTE DISPOSAL	NAMCO	31132-L	LOCA	YES (R)
WASTE DISPOSAL	NAMCO	31133-L	LOCA	YES (R)
WASTE DISPOSAL	NAMCO	31134-L	LOCA	YES (R)
WASTE DISPOSAL	NAMCO	31135-L	LOCA	YES (R)
WASTE DISPOSAL	NAMCO	31136-L	LOCA	YES (R)
WASTE DISPOSAL	NAMCO	31137-L	LOCA	YES (R)
WASTE DISPOSAL	NAMCO	31216-L	LOCA	YES (R)
WASTE DISPOSAL	NAMCO	31217-L	LOCA	YES (R)
4160V SUPPLY & DIST (EEV)	MCGRAW EDISON	1E-0027	LOCA HELB	NO NO
4160V SUPPLY & DIST (EEV)	MCGRAW EDISON	1E-0028	LOCA HELB	NO NO
480V SUPPLY & DISTRIBUTION	ALLIS CHALMERS	1E-0120	LOCA	NO
480V SUPPLY & DISTRIBUTION	ALLIS CHALMERS	1E-0121	LOCA	NO
480V SUPPLY & DISTRIBUTION	ALLIS CHALMERS	1E-0122	LOCA	NO
480V SUPPLY & DISTRIBUTION	ALLIS CHALMERS	1E-0123	LOCA	NO
480V SUPPLY & DISTRIBUTION	GENERAL ELECTRIC	1E-0326	LOCA HELB	NO NO

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
480V SUPPLY & DISTRIBUTION	GENERAL ELECTRIC	1E-0327	LOCA HEIB	NO NO
480V SUPPLY & DISTRIBUTION	GENERAL ELECTRIC	1E-0328	LOCA HEIB	NO NO
480V SUPPLY & DISTRIBUTION	GENERAL ELECTRIC	1E-0329	LOCA	NO
480V SUPPLY & DISTRIBUTION	GENERAL ELECTRIC	1E-0330	LOCA HEIB	NO NO
480V SUPPLY & DISTRIBUTION	GENERAL ELECTRIC	1E-0331	LOCA HEIB	NO NO
480V SUPPLY & DISTRIBUTION	GENERAL ELECTRIC	1E-0332	LOCA HEIB	NO NO
480V SUPPLY & DISTRIBUTION	GENERAL ELECTRIC	1E-0333	LOCA HEIB	NO NO
480V SUPPLY & DISTRIBUTION	GENERAL ELECTRIC	1E-0334	LOCA HEIB	NO NO
480V SUPPLY & DISTRIBUTION	GENERAL ELECTRIC	1E-0335	LOCA HEIB	NO NO
480V SUPPLY & DISTRIBUTION	GENERAL ELECTRIC	1E-0336	LOCA	NO
480V SUPPLY & DISTRIBUTION	GENERAL ELECTRIC	1E-0337	LOCA HEIB	YES (R) NO
480V SUPPLY & DISTRIBUTION	SQUARE D	1E-0633	LOCA	NO
480V SUPPLY & DISTRIBUTION	SQUARE D	1E-0634	LOCA	NO
480V SUPPLY & DISTRIBUTION	SQUARE D	1E-0635	LOCA	NO

C0626 RECORDS RETRIEVED FOR THIS REQUEST

ACTIVE STATUS PANEL

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
ACTIVE STATUS PANEL	SQUARE D	CCBAX-1-A	LOCA	NO
ACTIVE STATUS PANEL	SQUARE D	CCBAX-2-A	LOCA	NO
ACTIVE STATUS PANEL	GENERAL ELECTRIC	1-022-52A-A	LOCA	NO
ACTIVE STATUS PANEL	GENERAL ELECTRIC	1-023-52A-A	LOCA	NO
ACTIVE STATUS PANEL	MCGRAW EDISON	1-024-52A-A	LOCA	NO
ACTIVE STATUS PANEL	GENERAL ELECTRIC	1-029-52A-A	LOCA	NO
ACTIVE STATUS PANEL	GENERAL ELECTRIC	1-030-52A-A	LOCA	NO
ACTIVE STATUS PANEL	MCGRAW EDISON	1-031-52A-A	LOCA	NO
ACTIVE STATUS PANEL	CLARK	1-107-52A-A	LOCA	NO
ACTIVE STATUS PANEL	GENERAL ELECTRIC	1-116-42A-A	LOCA	NO
ACTIVE STATUS PANEL	GENERAL ELECTRIC	1-118-42A-A	LOCA	NO
ACTIVE STATUS PANEL	CLARK	1-126-42A-A	LOCA	NO
ACTIVE STATUS PANEL	CLARK	1-131-42A-A	LOCA	NO
ACTIVE STATUS PANEL	CLARK	1-136-42A-A	LOCA	NO
ACTIVE STATUS PANEL	CLARK	1-144-42A-A	LOCA	YES (R)
ACTIVE STATUS PANEL	CLARK	1-148--52A-A	LOCA	NO
ACTIVE STATUS PANEL	ALLIS CHALMERS	1-15105-52A-A	LOCA	NO
ACTIVE STATUS PANEL	CLARK	1-16104-52A-A	LOCA	NO
ACTIVE STATUS PANEL	ALLIS CHALMERS	1-16105-52A-A	LOCA	NO
ACTIVE STATUS PANEL	CLARK	1-164-42A-A	LOCA	NO
ACTIVE STATUS PANEL	CLARK	1-183-42A-A	LOCA	NO
ACTIVE STATUS PANEL	CLARK	1-201-42A-A	LOCA	NO
ACTIVE STATUS PANEL	CLARK	1-211-42A-A	LOCA	NO
ACTIVE STATUS PANEL	CLARK	1-298-42A-A	LOCA	NO
ACTIVE STATUS PANEL	CLARK	1-299-42A-A	LOCA	NO
ACTIVE STATUS PANEL	GENERAL ELECTRIC	1-502-52A-A	LOCA	NO

ACTIVE STATUS PANEL

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	BARSH
ACTIVE STATUS PANEL	GENERAL ELECTRIC	1-508-52A-A	LOCA	NO
ACTIVE STATUS PANEL	CLARK	1-601-42A-A	LOCA	NO
ACTIVE STATUS PANEL	CLARK	1-602-42A-A	LOCA	YES (B)
ACTIVE STATUS PANEL	GENERAL ELECTRIC	1-605-52A-A	LOCA	NO
ACTIVE STATUS PANEL	GENERAL ELECTRIC	1-606-52A-A	LOCA	NO
ACTIVE STATUS PANEL	CLARK	1-667-42A-A	LOCA	NO
ACTIVE STATUS PANEL	CLARK	1-668-42A-A	LOCA	NO
ACTIVE STATUS PANEL	PEERCOID	16073	LOCA	NO
ACTIVE STATUS PANEL	PEERCOID	16075	LOCA	NO
ACTIVE STATUS PANEL	BETTIS	31038-L	LOCA	NO
ACTIVE STATUS PANEL	BETTIS	31040-L	LOCA	NO
ACTIVE STATUS PANEL	BETTIS	31123-L	LOCA	YES (T,H,B)
ACTIVE STATUS PANEL	BETTIS	31124-L	LOCA	YES (T,P,H,CS,B)
ACTIVE STATUS PANEL	BETTIS	31125-L	LOCA	YES (T,H,B)
ACTIVE STATUS PANEL	BETTIS	31126-L	LOCA	YES (T,P,H,CS,B)
ACTIVE STATUS PANEL	NAMCO	31132-L	LOCA	YES (B)
ACTIVE STATUS PANEL	NAMCO	31133-L	LOCA	YES (B)
ACTIVE STATUS PANEL	NAMCO	31134-L	LOCA	YES (B)
ACTIVE STATUS PANEL	NAMCO	31135-L	LOCA	YES (B)
ACTIVE STATUS PANEL	NAMCO	31136-L	LOCA	YES (B)
ACTIVE STATUS PANEL	NAMCO	31137-L	LOCA	YES (B)
ACTIVE STATUS PANEL	NAMCO	31216-L	LOCA	YES (B)
ACTIVE STATUS PANEL	NAMCO	31217-L	LOCA	YES (B)
ACTIVE STATUS PANEL	NAMCO	31231-L	LOCA	YES (T,P,H,CS,B,S)
ACTIVE STATUS PANEL	NAMCO	31232-L	LOCA	YES (T,P,H,CS,B,S)
ACTIVE STATUS PANEL	NAMCO	31233-L	LOCA	YES (T,P,H,CS,B)

ACTIVE STATUS PANEL

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	BABSH
ACTIVE STATUS PANEL	NAMCO	31234-L	LOCA	YES (R)
ACTIVE STATUS PANEL	NAMCO	31253-L	LOCA	YES (T,B)
ACTIVE STATUS PANEL	NAMCO	31259-L	LOCA	YES (R)
ACTIVE STATUS PANEL	NAMCO	31260-L	LOCA	YES (R)
ACTIVE STATUS PANEL	NAMCO	31261-L	LOCA	YES (B)
ACTIVE STATUS PANEL	NAMCO	31271-L	LOCA	YES (T,B)
ACTIVE STATUS PANEL	NAMCO	31272-L	LOCA	NO
ACTIVE STATUS PANEL	NAMCO	31273-L	LOCA	NO
ACTIVE STATUS PANEL	NAMCO	31298-L	LOCA	NO
ACTIVE STATUS PANEL	NAMCO	31309-L #	LOCA	YES (B)
ACTIVE STATUS PANEL	NAMCO	31335-L	LOCA	YES (B)
ACTIVE STATUS PANEL	NAMCO	31393-A	LOCA	YES (R)
ACTIVE STATUS PANEL SW	LIMITORQUE	32009-A	LOCA	NO
ACTIVE STATUS PANEL SW	LIMITORQUE	32010-A	LOCA	NO
ACTIVE STATUS PANEL	LIMITORQUE	32015-L	LOCA	YES (T,B)
ACTIVE STATUS PANEL	LIMITORQUE	32016-A	LOCA	YES (R)
ACTIVE STATUS PANEL	LIMITORQUE	32058-A	LOCA	YES (B)
ACTIVE STATUS PANEL	LIMITORQUE	32059-A	LOCA	YES (R)
ACTIVE STATUS PANEL	LIMITORQUE	32061-L	LOCA	YES (B)
ACTIVE STATUS PANEL	LIMITORQUE	32066-A	LOCA	YES (B)
ACTIVE STATUS PANEL	LIMITORQUE	32067-A	LOCA	YES (R)
ACTIVE STATUS PANEL ICS	LIMITORQUE	32068-A	LOCA	YES (B)
ACTIVE STATUS PANEL ICS	LIMITORQUE	32069-A	LOCA	YES (R)
ACTIVE STATUS PANEL ES	LIMITORQUE	32077-A	LOCA	YES (T,P,H,CS,R,S)

ACTIVE STATUS PANEL

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HASH
ACTIVE STATUS PANEL MS	LIMITORQUE	32078-A	LOCA	YES (T)
ACTIVE STATUS PANEL MS	LIMITORQUE	32079-A	LOCA	YES (T,P,H,CS,B,S)
ACTIVE STATUS PANEL MS	LIMITORQUE	32080-A	LOCA	YES (T)
ACTIVE STATUS PANEL	LIMITORQUE	32082-A	LOCA	YES (B)
ACTIVE STATUS PANEL SI	LIMITORQUE	32100-A	LOCA	YES (T,P,H,CS,B)
ACTIVE STATUS PANEL SI	LIMITORQUE	32101-A	LOCA	YES (T,P,H,CS,B)
ACTIVE STATUS PANEL SI	LIMITORQUE	32102-A	LOCA	YES (B)
ACTIVE STATUS PANEL SI	LIMITORQUE	32103-A	LOCA	YES (B)
ACTIVE STATUS PANEL SI	LIMITORQUE	32109-A	LOCA	YES (B)
ACTIVE STATUS PANEL SI	LIMITORQUE	32110-A	LOCA	YES (B)
ACTIVE STATUS PANEL	LIMITORQUE	32113-A	LOCA	YES (B)
ACTIVE STATUS PANEL	LIMITORQUE	32114-A	LOCA	YES (B)
ACTIVE STATUS PANEL	LIMITORQUE	32115-A	LOCA	YES (B)
ACTIVE STATUS PANEL	LIMITORQUE	32121-A	LOCA	NO
ACTIVE STATUS PANEL	LIMITORQUE	32122-A	LOCA	NO
ACTIVE STATUS PANEL	LIMITORQUE	32124-A	LOCA	YES (T,P,H,CS,B)
ACTIVE STATUS PANEL BHB	LIMITORQUE	32134-A	LOCA	YES (B)
ACTIVE STATUS PANEL BHB	LIMITORQUE	32135-A	LOCA	YES (B)
ACTIVE STATUS PANEL	ALLEN BRADLEY	32382-L	LOCA	YES (B)
ACTIVE STATUS PANEL	ALLEN BRADLEY	32383-L	LOCA	YES (B)

ACTIVE STATUS PANEL

LISTING DATE 04/01/82
UPDATED 03/30/82

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
ACTIVE STATUS PANEL	ALLEN BRADLEY	32384-L	LOCA	YES (R)
ACTIVE STATUS PANEL	ALLEN BRADLEY	32385-L	LOCA	YES (R)
ACTIVE STATUS PANEL	ALLEN BRADLEY	32386-L	LOCA	YES (R)
ACTIVE STATUS PANEL	ASCO	33248	LOCA	YES (R)
ACTIVE STATUS PANEL	ALLEN BRADLEY	34004-L	LOCA	NO
ACTIVE STATUS PANEL	ALLEN BRADLEY	34011-L	LOCA	NO
ACTIVE STATUS PANEL	ALLEN BRADLEY	34012-L	LOCA	NO
ACTIVE STATUS PANEL	ALLEN BRADLEY	34039-L	LOCA	YES (R)
ACTIVE STATUS PANEL	ALLEN BRADLEY	34040-L	LOCA	YES (R)
ACTIVE STATUS PANEL	ALLEN BRADLEY	34045-L	LOCA	NO
ACTIVE STATUS PANEL	CLARK	42AX/1-583-A	LOCA	NO
ACTIVE STATUS PANEL	CLARK	42AX/1-584-A	LOCA	NO
ACTIVE STATUS PANEL	CLARK	52X/151C4-1	LOCA	NO
INTERNAL CONTAINMENT SPRAY	NAMCO	31394-L a	LOCA	YES (R)
REACTOR BUILDING VENTILATION	ALLEN BRADLEY	31337-L a	LOCA	YES (T,H,R)
REACTOR BUILDING VENTILATION	ALLEN BRADLEY	31338-L a	LOCA	YES (T,H,R)
SECONDARY SAMP.	NAMCO	31270-L a	LOCA	YES (T,P,H,CS,R)
SECONDARY SAMP.	NAMCO	31334-L a	LOCA	YES (T,P,H,CS,R)

00114 RECORDS RETRIEVED FOR THIS REQUEST

EMERGENCY PROCEDURES

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
ACTIVE STATUS PANEL	NAMCO	31309-L #	LOCA	YES (R)
CHEMICAL & VOL. CONTROL	LIMITORQUE	32115 #	LOCA	YES (B)
CHEMICAL & VOL. CONTROL	LIMITORQUE	32124 #	LOCA	YES (T,P,H,CS,B)
EMERGENCY PROCEDURE	FOXBORO	21038	LOCA	YES (T,P,H,CS,B)
EMERGENCY PROCEDURE	FOXBORO	21077	LOCA	YES (T,P,H,CS,B)
EMERGENCY PROCEDURE	FOXBORO	23030	LOCA	YES (B)
EMERGENCY PROCEDURE	BARTON	24029	LOCA BELE	YES (T,P,H,CS,B) YES (R)
EMERGENCY PROCEDURE	NAMCO	31015-L	LOCA	YES (T,B)
EMERGENCY PROCEDURE	NAMCO	31016-L	LOCA	YES (R)
EMERGENCY PROCEDURE	NAMCO	31269-L	LOCA	YES (R)
EMERGENCY PROCEDURE	NAMCO	31406-L	LOCA	NO
EMERGENCY PROCEDURE	NAMCO	31407-L	LOCA	NO
EMERGENCY PROCEDURE CVC	LIMITORQUE	32056-A	LOCA	YES (B)
EMERGENCY PROCEDURE SI	LIMITORQUE	32092-A	LOCA	YES (T,P,H,CS,B)
EMERGENCY PROCEDURE SI	LIMITORQUE	32094-A	LOCA	YES (B)
EMERGENCY PROCEDURE SI	LIMITORQUE	32097-A	LOCA	YES (T,P,H,CS,B)
EMERGENCY PROCEDURE SI	LIMITORQUE	32104-A	LOCA	YES (B)
EMERGENCY PROCEDURE SI	LIMITORQUE	32105-A	LOCA	YES (B)
EMERGENCY PROCEDURE SI	LIMITORQUE	32107-A	LOCA	YES (B)
EMERGENCY PROCEDURE SI	LIMITORQUE	32111-A	LOCA	YES (B)

EMERGENCY PROCEDURES

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	BARSH
EMERGENCY PROCEDURE SI	LIMITORQUE	32112-A	LOCA	YES (B)
EMERGENCY PROCEDURE CC	LIMITORQUE	32119-A	LOCA	YES (B)
EMERGENCY PROCEDURE CC	LIMITORQUE	32120-A	LOCA	YES (B)
EMERGENCY PROCEDURE SI	LIMITORQUE	32130-A	LOCA	YES (B)
EMERGENCY PROCEDURE	LIMITORQUE	32131-A	LOCA	YES (B)
EMERGENCY PROCEDURE	ALLEN BRADLEY	34006-L	LOCA	YES (B)
EMERGENCY PROCEDURE	ALLEN BRADLEY	34033-L	LOCA	YES (B)
EMERGENCY PROCEDURE	WESTINGHOUSE	46322	LOCA	NO
EMERGENCY PROCEDURE	WESTINGHOUSE	46323	LOCA	NO
EMERGENCY PROCEDURE	FOXBORO	4840209	LOCA	NO
EMERGENCY PROCEDURE	FOXBORO	4840215	LOCA	NO
PRIMARY SAMPLING	NAMCO	31263-L #	LOCA	YES (T,P,H,CS,B)
PRIMARY SAMPLING	NAMCO	31264-L #	LOCA	YES (T,P,H,CS,B)
PRIMARY SAMPLING	NAMCO	31267-L #	LOCA	YES (B)
PRIMARY SAMPLING	NAMCO	31268-L #	LOCA	YES (B)
REACTOR BUILDING VENTILATION	BARTON	21100 #	LOCA	YES (T,B)
REACTOR BUILDING VENTILATION	BARTON	21101 #	LOCA	YES (T,B)
REACTOR BUILDING VENTILATION	BARTON	21102 #	LOCA	YES (T,B)
REACTOR BUILDING VENTILATION	NAMCO	31383-L #	LOCA	YES (B)
REACTOR BUILDING VENTILATION	NAMCO	31384-L #	LOCA	YES (B)
REACTOR BUILDING VENTILATION	NAMCO	31385-L #	LOCA	YES (B)

EMERGENCY PROCEDURES

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	MARSH
REACTOR COOLANT	FOXBORO	21079 #	LOCA BELE	YES (T,P,H,CS,B) YES (R)
REACTOR COOLANT	FOXBORO	21080 #	LOCA BELE	YES (T,P,H,CS,B) YES (B)
REACTOR COOLANT	FOXBORO	21081 #	LOCA BELE	YES (T,P,H,CS,B) YES (R)
REACTOR COOLANT	FOXBORO	21082 #	LOCA	YES (T,P,H,CS,B)
REACTOR COOLANT	BARTON	24030 #	LOCA BELE	YES (T,P,H,CS,B) YES (B)
REACTOR COOLANT	BARTON	24031 #	LOCA BELE	YES (T,P,H,CS,B) YES (B)
REACTOR COOLANT	BARTON	24032 #	LOCA BELE	YES (T,P,H,CS,B) YES (B)
RESIDUAL HEAT REMOVAL	FOXBORO	21084 #	LOCA	YES (B)
RESIDUAL HEAT REMOVAL	FOXBORO	21085 #	LOCA	YES (B)
RESIDUAL HEAT REMOVAL	FOXBORO	24040 #	LOCA	YES (B)
RESIDUAL HEAT REMOVAL	BARTON	24062 #	LOCA	YES (B)
RESIDUAL HEAT REMOVAL	LIMITORQUE	32134 #	LOCA	YES (B)
RESIDUAL HEAT REMOVAL	LIMITORQUE	32135 #	LOCA	YES (B)
SAFETY INJECTION	LIMITORQUE	32102 #	LOCA	YES (B)
SAFETY INJECTION	LIMITORQUE	32103 #	LOCA	YES (B)
SAFETY INJECTION	LIMITORQUE	32108 #	LOCA	YES (B)
SAFETY INJECTION	LIMITORQUE	32109 #	LOCA BELE	NO NO
SAFETY INJECTION	LIMITORQUE	32110 #	LOCA BELE	NO NO
SAFETY INJECTION	LIMITORQUE	32113 #	LOCA	YES (B)

EMERGENCY PROCEDURES

LISTING DATE 04/01/82
UPDATED 03/30/82

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
SAFETY INJECTION	LIMITORQUE	32114 #	LOCA	YES (B)
SERVICE WATER	LIMITORQUE	32059 #	LOCA	YES (B)
SERVICE WATER	LIMITORQUE	32060 #	LOCA	YES (B)
SERVICE WATER	LIMITORQUE	32061 #	LOCA	YES (B)

00064 RECORDS RETRIEVED FOR THIS REQUEST

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT	INSIDE PRIMARY CONTAINMENT	SYSTEM
1	AGASTAT	62-1/1-318	2412	TIME DELAY RELAY	NO	CR-HVAC
2	AGASTAT	62-2/1-318	2412	TIME DELAY RELAY	NO	CR-HVAC

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: CR-HVAC	OPERATIONAL TIME	1 YEAR	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 62-1/1-318	TEMPERATURE DEG. F.	60-104	N/A	37	N/A	N/A	NONE
COMPONENT: TIME DELAY RELAY	PRESSURE PSIA	13.7-15.7	N/A	37	N/A	N/A	NONE
MANUFACTURER: AGASTAT							
MODEL NUMBER: 2412	RELATIVE HUMIDITY PCT	10-80%	N/A	37,43	N/A	N/A	NONE
FUNCTION: CR A/C FAN 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL	RADIATION RADS	3.2E6	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: IN MCC 1-62F GRID G.5/3.0/642 AUX BLDG SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:
A) TO BE REPLACED WITH QUALIFIED MODEL (P.O.43905).
B) SEE AGING PROGRAM DESCRIPTION.

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: CR-HVAC	OPERATIONAL TIME	1 YEAR	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 62-2/1-318	TEMPERATURE DEG. F.	60-104	N/A	37	N/A	N/A	NONE
COMPONENT: TIME DELAY RELAY	PRESSURE PSIA	13.7-15.7	N/A	37	N/A	N/A	NONE
MANUFACTURER: AGASTAT							
MODEL NUMBER: 2412	RELATIVE HUMIDITY PCT	10-80%	N/A	37,43	N/A	N/A	NONE
FUNCTION: CR A/C FAN 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL	RADIATION RADS	3.2E6	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: IN MCC 1-62F GRID G.5/3.0/642 AUX BLDG SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (B)

NOTES:

A) TO BE REPLACED WITH QUALIFIED MODEL (P.O.43905).
B) SEE AGING PROGRAM DESCRIPTION.

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT PRIMARY	INSIDE CONTAINMENT	SYSTEM
1	ALLEN BRADLEY	1E-0530-A	BUILT PER SPEC	TRANSFER SWITCH BBA-107	NO	D.C. AUXILIARIES/ EMERGENCY A.C.
2	ALLEN BRADLEY	1E-0530-B	BUILT PER SPEC	TRANSFER SWITCH BBB-107	NO	D.C. AUXILIARIES/ EMERGENCY A.C.
3	ALLEN BRADLEY	31337-L @	802T-AT	LIMIT SWITCH	NO	REACTOR BUILDING VENTILATION
4	ALLEN BRADLEY	31338-L @	802T-AT	LIMIT SWITCH	NO	REACTOR BUILDING VENTILATION
5	ALLEN BRADLEY	32382-L	802T-AT	LIMIT SWITCHES	NO	ACTIVE STATUS PANEL
6	ALLEN BRADLEY	32383-L	802T-AT	LIMIT SWITCHES	NO	ACTIVE STATUS PANEL
7	ALLEN BRADLEY	32384-L	802T-AT	LIMIT SWITCHES	NO	ACTIVE STATUS PANEL
8	ALLEN BRADLEY	32385-L	802T-AT	LIMIT SWITCHES	NO	ACTIVE STATUS PANEL
9	ALLEN BRADLEY	32386-L	802T-AT	LIMIT SWITCHES (2)	NO	ACTIVE STATUS PANEL
10	ALLEN BRADLEY	32387-L	802T-AT	LIMIT SWITCH	NO	SHIELD BUILDING VENTILATION
11	ALLEN BRADLEY	34004-L	802T-AT	LIMIT SWITCHES	NO	ACTIVE STATUS PANEL
12	ALLEN BRADLEY	34006-L	802T-AT	LIMIT SWITCHES	NO	EMERGENCY PROCEDURE
13	ALLEN BRADLEY	34010-L	802T-AT	LIMIT SWITCH	NO	AUX. BLDG. SPECIAL VENT
14	ALLEN BRADLEY	34011-L	802T-AT	LIMIT SWITCHES	NO	ACTIVE STATUS PANEL
15	ALLEN BRADLEY	34012-L	802T-AT	LIMIT SWITCHES	NO	ACTIVE STATUS PANEL
16	ALLEN BRADLEY	34013-L	802T-AT	LIMIT SWITCH	NO	AUX. BLDG. SPECIAL VENT
17	ALLEN BRADLEY	34014-L	802T-AT	LIMIT SWITCH	NO	AUX. BLDG. SPECIAL VENT

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT PRIMARY	INSIDE CONTAINMENT	SYSTEM
18	ALLEN BRADLEY	34015-L	802T-AT	LIMIT SWITCH	NO	AUX. BLDG. SPECIAL VENT
19	ALLEN BRADLEY	34033-L	802T-AT	LIMIT SWITCHES	NO	EMERGENCY PROCEDURE
20	ALLEN BRADLEY	34039-L	802T-AT	LIMIT SWITCHES	NO	ACTIVE STATUS PANEL
21	ALLEN BRADLEY	34040-L	802T-AT	LIMIT SWITCHES	NO	ACTIVE STATUS PANEL
22	ALLEN BRADLEY	34045-L	802T-AT	LIMIT SWITCHES	NO	ACTIVE STATUS PANEL

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: D.C. AUXILIARIES/ EMERGENCY A.C.	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0530-A	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: TRANSFER SWITCH ERA-107 MANUFACTURER: ALLEN BRADLEY	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: 200A AUTO TRANSFER SWITCH	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SAFEGUARD 125VDC/ 120VAC INSTR. POWER	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 119	N/A N/A	N/A N/A	NONE
LOCATION: GRID E.7/8.3/606 TURB BLDG BATTERY ROOM A	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: D.C. AUXILIARIES/ EMERGENCY A.C.	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0530-B	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: TRANSFER SWITCH ERB-107	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MANUFACTURER: ALLEN BRADLEY							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: 200A AUTO TRANSFER SWITCH	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SAFEGUARD 125VDC/ 120VAC INSTR POWER	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 119	N/A N/A	N/A N/A	NONE
LOCATION: GRID F.9/8.5/606 TURB BLDG BATTERY ROOM B	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR BUILDING VENTILATION	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 31337-L &	TEMPERATURE DEG. F.	160	NOTE A	53	NOTE A	NOTE A	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	13.7-15.7	N/A	53	N/A	N/A	NONE
MANUFACTURER: ALLEN BRADLEY							
MODEL NUMBER: 802T-AT	RELATIVE HUMIDITY PCT	100%	NOTE A	53	NOTE A	NOTE A	NONE
FUNCTION: CONTAINMENT VACUUM BREAKER	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL SOLENOID VALVE 33291	RADIATION RADS	6.5E6	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: GRID 2/147/670 ANNULUS	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,H,B)

NOTES:

A) THE PROBABILITY OF THE POSTULATED LOCA OR HELB OCCURRING COUPLED WITH A FAILURE OF ONE OR BOTH OF THESE LIMIT SWITCHES AND THAT THEY WOULD FAIL SIMULTANEOUSLY AND NOT FUNCTION AS DESIGNED FOR THAT EVENT PRIOR TO BEING REPLACED IS EXTREMELY REMOTE.
B) TO BE REPLACED WITH QUALIFIED NAMCO SWITCH (P.O.43924).

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR BUILDING VENTILATION	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 31338-L &	TEMPERATURE DEG. F.	160	NOTE A	53	NOTE A	NOTE A	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	13.7-15.7	N/A	53	N/A	N/A	NONE
MANUFACTURER: ALLEN BRADLEY							
MODEL NUMBER: 802T-AT	RELATIVE HUMIDITY PCT	100%	NOTE A	53	NOTE A	NOTE A	NONE
FUNCTION: CONTAINMENT VACUUM BREAKER CV1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL SOLENOID VALVE 33292	RADIATION RADS	6.5E6	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: GRID 2/75/647 ANNULUS	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,H,E)

NOTES:

A) THE PROBABILITY OF THE POSTULATED LOCA OR HELB OCCURRING COUPLED WITH A FAILURE OF ONE OR BOTH OF THESE LIMIT SWITCHES AND THAT THEY WOULD FAIL SIMULTANEOUSLY AND NOT FUNCTION AS DESIGNED FOR THAT EVENT PRIOR TO BEING REPLACED IS EXTREMELY REMOTE.
B) TO BE REPLACED WITH QUALIFIED NAMCO SWITCH (P.C.43924).

31338-L
EBV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	1 YEAR	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 32382-L	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCHES	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ALLEN BRADLEY							
MODEL NUMBER: 802T-AT	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SBV REC FAN 1A DSCH DMPR	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	4.7E5	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: GRID HE.5/4.2/660 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (B)

NOTES:

A) IF THIS LIMIT SWITCH SHOULD FAIL BECAUSE OF EITHER RADIATION OR TEMPERATURE, IT WOULD NOT JEOPARDIZE THE OPERATION OF ASSOCIATED DAMPER MOTOR OPERATOR, BUT WILL ONLY RESULT IN THE EVENTUAL LOSS OF INDICATOR AND OR STATUS LIGHTS. THE PREVENTIVE MAINTENANCE OF THIS UNIT WILL BE COVERED IN OUR PREVENTIVE MAINTENANCE PROGRAM.

449100305
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	1 YEAR	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 32383-L	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCHES	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ALLEN BRADLEY							
MODEL NUMBER: 802T-AT	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SBV EXH FAN 1A DSCH DMPR	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	3.1E5	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: GRID HE.1/4.2/663 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (B)

NOTES:

A) IF THIS LIMIT SWITCH SHOULD FAIL BECAUSE OF EITHER RADIATION OR TEMPERATURE, IT WOULD NOT JEOPARDIZE THE OPERATION OF ASSOCIATED DAMPER MOTOR OPERATOR, BUT WILL ONLY RESULT IN THE EVENTUAL LOSS OF INDICATOR AND OR STATUS LIGHTS. THE PREVENTIVE MAINTENANCE OF THIS UNIT WILL BE COVERED IN OUR PREVENTIVE MAINTENANCE PROGRAM.

449100301
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	1 YEAR	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 32384-L	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCHES	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ALLEN BRADLEY							
MODEL NUMBER: 802T-AT	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SRV REC FAN 1A REC DMPR	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	4.7E5	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: GRID HE.5/4.3/660 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FICOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (B)

NOTES:

A) IF THIS LIMIT SWITCH SHOULD FAIL BECAUSE OF EITHER RADIATION OR TEMPERATURE, IT WOULD NOT JEOPARDIZE THE OPERATION OF ASSOCIATED DAMPER MOTOR OPERATOR, BUT WILL ONLY RESULT IN THE EVENTUAL LOSS OF INDICATOR AND OR STATUS LIGHTS. THE PREVENTIVE MAINTENANCE OF THIS UNIT WILL BE COVERED IN OUR PREVENTIVE MAINTENANCE PROGRAM.

449100401
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	1 YEAR	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 32385-L	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCHES	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ALLEN BRADLEY							
MODEL NUMBER: 802T-AT	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SBV REC FAN 1B REC DMPR	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL RCOM ANNUNCIATION	RADIATION RADS	8.4E5	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: GRID HE.5/3.7/660 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (8)

NOTES:

A) IF THIS LIMIT SWITCH SHOULD FAIL BECAUSE OF EITHER RADIATION OR TEMPERATURE, IT WOULD NOT JEOPARDIZE THE OPERATION OF ASSOCIATED DAMPER MOTOR OPERATOR, BUT WILL ONLY RESULT IN THE EVENTUAL LOSS OF INDICATOR AND OR STATUS LIGHTS. THE PREVENTIVE MAINTENANCE OF THIS UNIT WILL BE COVERED IN CUR PREVENTIVE MAINTENANCE PROGRAM.

449100306
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	1 YEAR	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 32386-L	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCHES (2)	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ALLEN BRADLEY							
MODEL NUMBER: 802T-AT	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SBV EXH FAN 1B DSCH DMPR	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	3.4E5	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: GRID HE.1/3.7/663 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (R)

NOTES:

A) IF THIS LIMIT SWITCH SHOULD FAIL BECAUSE OF EITHER RADIATION OR TEMPERATURE, IT WOULD NOT JEOPARDIZE THE OPERATION OF ASSOCIATED DAMPER MOTOR OPERATOR, BUT WILL ONLY RESULT IN THE EVENTUAL LOSS OF INDICATOR AND OR STATUS LIGHTS. THE PREVENTIVE MAINTENANCE OF THIS UNIT WILL BE COVERED IN OUR PREVENTIVE MAINTENANCE PROGRAM.

449100302
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL.	OUTSTANDING
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.	METHOD	ITEMS
SYSTEM: SHIELD BUILDING VENTILATION	OPERATIONAL TIME	1 YEAR	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 32387-L	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCH MANUFACTURER: ALLEN BRADLEY	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MODEL NUMBER: 802T-AT	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SBV RECIRC. FAN 1B RECIRC. DAMPER	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL	RADIATION RADS	8.8E5	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: GRID HE.5/3.6/660 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (R)

NOTES:

A) IF THIS LIMIT SWITCH SHOULD FAIL BECAUSE OF EITHER RADIATION OR TEMPERATURE, IT WOULD NOT JEOPARDIZE THE OPERATION OF ASSOCIATED DAMPER MOTOR OPERATOR, BUT WILL ONLY RESULT IN THE EVENTUAL LOSS OF INDICATOR AND OR STATUS LIGHTS. THE PREVENTIVE MAINTENANCE OF THIS UNIT WILL BE COVERED IN OUR PREVENTIVE MAINTENANCE PROGRAM.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 34004-L	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: LIMIT SWITCHES	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: ALLEN BRADLEY							
MODEL NUMBER: 802T-AT	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: CONT RM ANNUNCIATION CN DG RM 1A INLET DAMPER (TAV 1A)	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: POSITION INDICATION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID A.0/7.7/601 TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

4491C0803
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: EMERGENCY PROCEDURE	OPERATIONAL TIME	1 YEAR	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 34006-L	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCHES	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ALLEN BRADLEY							
MODEL NUMBER: 802T-AT	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CONT RM INDICATION ON CNTMT EXHAUST DAMPER (REVS)	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: POSITION INDICATION	RADIATION RADS	8.8E5	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: GRID HE.8/3.4/666 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (R)

NOTES:

A) IF THIS LIMIT SWITCH SHOULD FAIL BECAUSE OF EITHER RADIATION OR TEMPERATURE, IT WOULD NOT JEOPARDIZE THE OPERATION OF ASSOCIATED DAMPER SOLENOID SV3328301,02, BUT WILL ONLY RESULT IN THE EVENTUAL LOSS OF INDICATOR OR STATUS LIGHTS. THE PREVENTIVE MAINTENANCE OF THIS UNIT WILL BE COVERED IN OUR PREVENTIVE MAINTENANCE PROGRAM.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	NOTE B	2	NOTE B	NOTE B	NONE
PLANT ID NO: 34010-L	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ALLEN BRADLEY							
MODEL NUMBER: 802T-AT	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ZONE SV EXH. FILTER ASSY. 1B INLET DAMPER	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL	RADIATION RADS	3.2E6	NOTE B	41	NOTE B	NOTE B	NONE
LOCATION: GRID GW.5/5.9/663 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (R)

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.
B) IF THIS LIMIT SWITCH SHOULD FAIL POST ACCIDENT BECAUSE OF EITHER RADIATION OR TEMPERATURE, THE CONTROL ROOM CAN PERFORM THE FUNCTION OF THE LIMIT SWITCH. TO BE REPLACED (P.O.44057).

34010-L
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 34011-L	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: LIMIT SWITCHES	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: ALLEN BRADLEY							
MODEL NUMBER: 802T-AT	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: CONT RM ANNUNCIATION ON DG RM 1A OUTLET DAMPER	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: POSITION INDICATION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID AE.2/7.3/603 TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

449100803A
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 34012-L	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: LIMIT SWITCHES	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: ALLEN BRADLEY							
MODEL NUMBER: 802T-AT	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: CONT RM ANNUNCIATION ON DG RM 1B OUTLET DAMPER (TAV 62B)	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: POSITION INDICATION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID AE.2/6.7/603 ADM BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

4491C08C4
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	NOTE B	2	NOTE B	NOTE B	NONE
PLANT ID NO: 34013-L	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ALLEN BRADLEY							
MODEL NUMBER: 802T-AT	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ZONE SV EXH. FILTER ASSY. 1A INLET DAMPER	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL	RADIATION RADS	3.2E6	NOTE B	41	NOTE B	NOTE B	NONE
LOCATION: GRID GW.5/8.0/663 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (R)

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.
B) IF THIS LIMIT SWITCH SHOULD FAIL POST ACCIDENT BECAUSE OF EITHER RADIATION OR TEMPERATURE, THE CONTROL ROOM CAN PERFORM THE FUNCTION OF THE LIMIT SWITCH. TO BE REPLACED (P.O.44057).

34013-L
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	NOTE B	2	NOTE B	NOTE B	NONE
PLANT ID NO: 34014-L	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ALLEN BRADLEY							
MODEL NUMBER: 802T-AT	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ZONE SV EXHAUST FAN 1A DISCHARGE DAMPER	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL	RADIATION RADS	3.2E6	NOTE B	41	NOTE B	NOTE B	NONE
LOCATION: GRID GW.5/6.9/662 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (R)

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.
B) IF THIS LIMIT SWITCH SHOULD FAIL POST ACCIDENT BECAUSE OF EITHER RADIATION OR TEMPERATURE, THE CONTROL RODS CAN PERFORM THE FUNCTION OF THE LIMIT SWITCH. TO BE REPLACED (P.O.44057).

34014-L
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL.	OUTSTANDING
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.	METHOD	ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	NOTE B	2	NOTE B	NOTE B	NONE
PLANT ID NO: 34015-L	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ALLEN BRADLEY							
MODEL NUMBER: 802T-AT	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ZONE SV EXHAUST FAN 1B DISCHARGE DAMPER	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL	RADIATION RADS	3.2E6	NOTE B	41	NOTE H	NOTE B	NONE
LOCATION: GRID GW.6/6.9/662 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (B)

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.
B) IF THIS LIMIT SWITCH SHOULD FAIL POST ACCIDENT BECAUSE OF EITHER RADIATION OR TEMPERATURE, THE CONTROL ROOM CAN PERFORM THE FUNCTION OF THE LIMIT SWITCH. TO BE REPLACED (P.O.44057).

34015-L
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: EMERGENCY PROCEDURE	OPERATIONAL TIME	1 YEAR	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 34033-L	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCHES	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ALLEN BRADLEY							
MODEL NUMBER: 802T-AT	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CONT RM INDICATION ON CNTMT PURGE/VENT SUPPLY EXHT DAMPER	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: POSITION INDICATION	RADIATION RADS	8.8E5	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: GRID HE.9/3.2/663 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (R)

NOTES:

A) IF THIS LIMIT SWITCH SHOULD FAIL BECAUSE OF EITHER RADIATION OR TEMPERATURE, IT WOULD NOT JEOPARDIZE THE OPERATION OF ASSOCIATED DAMPER SOLENOID SV 33285, BUT WILL ONLY RESULT IN THE EVENTUAL LOSS OF INDICATOR OR STATUS LIGHTS. THE PREVENTIVE MAINTENANCE OF THIS UNIT WILL BE COVERED IN OUR PREVENTIVE MAINTENANCE PROGRAM.

34033-L
EP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 34039-L	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCHES	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ALLEN BRADLEY							
MODEL NUMBER: 802T-AT	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SBV FILTER 1A INLET DMPR	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	1.2E6	NOTE B	41	NOTE B	NOTE B	NONE
LOCATION: GRID G.5/4.3/647 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

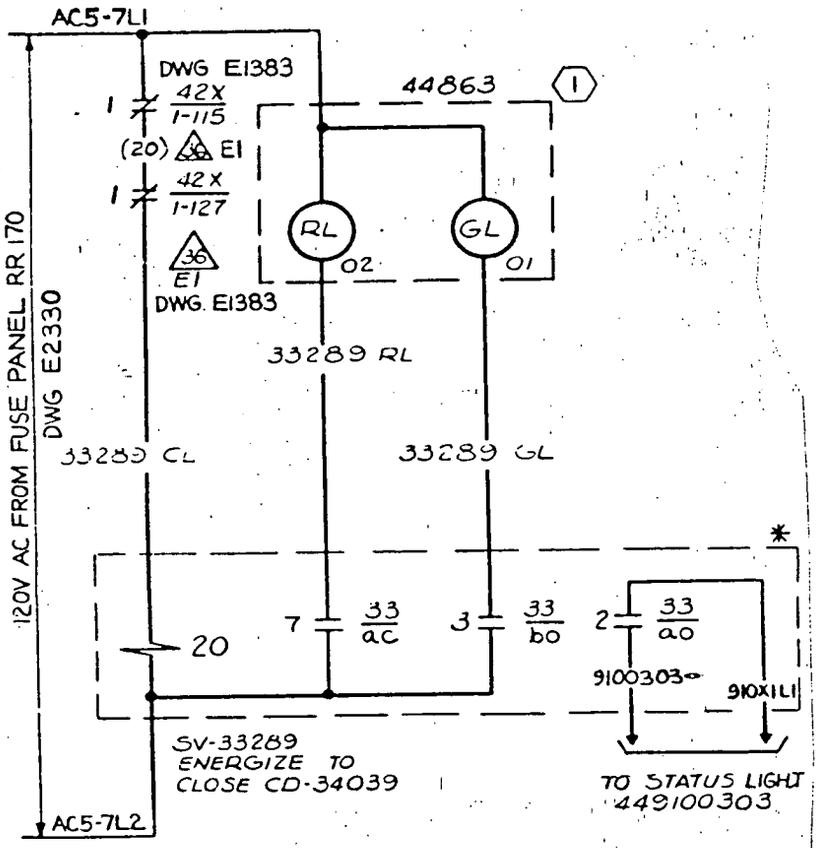
HARSH:

LOCA YES (R)

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.
B) IF THIS LIMIT SWITCH SHOULD FAIL AS THE RESULT OF BEING EXPOSED TO A RADIATION LEVEL, IT WOULD NOT JEOPARDIZE THE OPERATION OF ASSOCIATED DAMPER SOLENOID #SV 33269, BUT WILL ONLY RESULT IN EVENTUAL LOSS OF INDICATOR AND STATUS LIGHTS. SEE ATTACHED SCHEMATIC.

449100303
ASP



SHIELD BLDG. FILTER ASSY 1A
INLET DAMPER
CD-34039

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 34040-L	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCHES	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ALLEN BRADLEY							
MODEL NUMBER: 802T-AT	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SBV FILTER 1B INLET DMPR	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATOR	RADIATION RADS	1.2E6	NOTE B	41	NOTE B	NOTE B	NONE
LOCATION: GRID G.5/3.6/647 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

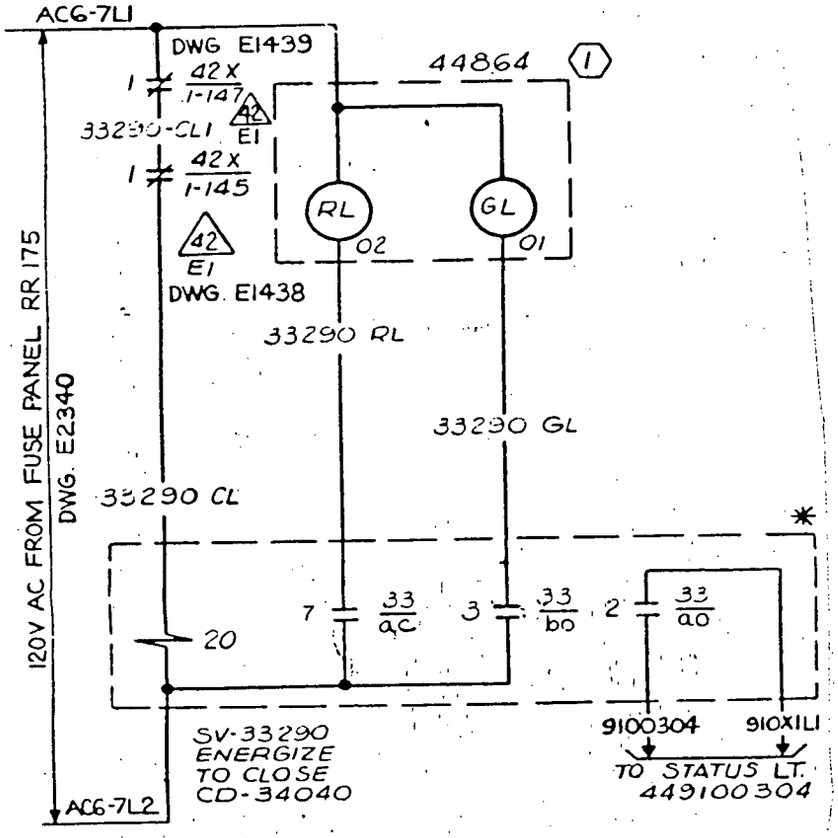
HARSH:

LOCA YES (R)

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.
B) IF THIS LIMIT SWITCH SHOULD FAIL AS THE RESULT OF BEING EXPOSED TO A RADIATION LEVEL, IT WOULD NOT JEOPARDIZE THE OPERATION OF ASSOCIATED DAMPER SOLENOID #SV 33290, BUT WILL ONLY RESULT IN EVENTUAL LOSS OF INDICATOR AND STATUS LIGHTS. SEE ATTACHED SCHEMATIC. THE PREVENTIVE MAINTENANCE OF THIS UNIT WILL BE COVERED IN OUR PREVENT. MAINT. PROGRAM

449100304
ASP



SHIELD BLDG FILTER ASSY. 1B
INLET DAMPER
CD-34040

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 34045-L	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: LIMIT SWITCHES	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: ALLEN BRADLEY							
MODEL NUMBER: 802T-AT	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: CONT RM ANNUNCIATION ON DG RM 1B INLET DAMPER	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: POSITION INDICATION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID A.0/6.2/601 TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	ANALYSIS	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

4491CC804A
ASP

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT PRIMARY	INSIDE CONTAINMENT	SYSTEM
1	ALLIS CHALMERS	1-022	580EE8	MOTOR	NO	SERVICE WATER
2	ALLIS CHALMERS	1-023	580EE8	MOTOR	NO	SERVICE WATER
3	ALLIS CHALMERS	1-024	507US	AFW PUMP 1A MOTOR	NO	AUX. FEEDWATER
4	ALLIS CHALMERS	1-029	580BB8	MOTOR	NO	SERVICE WATER
5	ALLIS CHALMERS	1-030	580BB8	MOTOR	NO	SERVICE WATER
6	ALLIS CHALMERS	1-031	507US	AFW PUMP 1B MOTOR	NO	AUX. FEEDWATER
7	ALLIS CHALMERS	1-107	445TS	MOTOR	NO	INTERNAL CONTAINMENT SPRAY
8	ALLIS CHALMERS	1-108	445TS	MOTOR	NO	INTERNAL CONTAINMENT SPRAY
9	ALLIS CHALMERS	1-15105-52A-A	LA-600 EC-A	AUX CONTACT IN BKR 15105	NO	ACTIVE STATUS PANEL
10	ALLIS CHALMERS	1-16105-52A-A	LA-600 EC-A	AUX CONTACT IN 480V BKR 16105	NO	ACTIVE STATUS PANEL
11	ALLIS CHALMERS	1-280	145T	AFW PUMP	NO	AUX. FEEDWATER
12	ALLIS CHALMERS	1-281	145T	AFW PUMP	NO	AUX. FEEDWATER
13	ALLIS CHALMERS	1-451	286T	MOTOR	NO	TURBINE BUILDING VENT
14	ALLIS CHALMERS	1-452	286T	MOTOR	NO	TURBINE BUILDING VENT
15	ALLIS CHALMERS	1-463		MOTOR	NO	CR-HVAC
16	ALLIS CHALMERS	1-464	182T	MOTOR	NO	CR-HVAC
17	ALLIS CHALMERS	1E-0120	LA	480V SECONDARY SUBSTATION	NO	480V SUPPLY & DISTRIBUTION
18	ALLIS CHALMERS	1E-0121	LA	480V SECONDARY SUESTATION	NO	480V SUPPLY & DISTRIBUTION

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -I LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT	INSIDE PRIMARY CONTAINMENT	SYSTEM
19	ALLIS CHALMERS	1E-0122	LA	480V SECONDARY SUBSTATION	NO	480V SUPPLY & DISTRIBUTION
20	ALLIS CHALMERS	1E-0123	LA	480V SECONDARY SUBSTATION	NO	480V SUPPLY & DISTRIBUTION

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SERVICE WATER	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-022	TEMPERATURE DEG. F.	60-120 60-120 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MANUFACTURER: ALLIS CHALMERS							
MODEL NUMBER: 580BB8	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: SW PUMP 1A2 SERVICE WATER	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PROVIDE EMERGENCY SERVICE WATER	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 119	N/A N/A	N/A N/A	NONE
LOCATION: GRID AE/5/586 SCREENHOUSE	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

1-022
SW

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SERVICE WATER	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-023	TEMPERATURE DEG. F.	60-120 60-120 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MANUFACTURER: ALLIS CHALMERS							
MODEL NUMBER: 580BB8	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: SW PUMP 1A1 SERVICE WATER	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PROVIDE EMERGENCY SERVICE WATER	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 119	N/A N/A	N/A N/A	NONE
LOCATION: GRID AE/6/586 SCREENHOUSE	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:

LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

1-023
SW

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. FEEDWATER	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-024	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: AFW PUMP 1A MOTOR MANUFACTURER: ALLIS CHALMERS	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MODEL NUMBER: 507US	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: AFW PUMP 1A FEEDWATER	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PROVIDE EMERGENCY FEEDWATER	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	111,119 111,119	N/A N/A	N/A N/A	NONE
LOCATION: TURB BLDG	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

1-024
AFW

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SERVICE WATER	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-029	TEMPERATURE DEG. F.	60-120 60-120 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MANUFACTURER: ALLIS CHALMERS							
MODEL NUMBER: 580EB8	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: SW PUMP 1B2 SERVICE WATER	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PROVIDE EMERGENCY SERVICE WATER	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 119	N/A N/A	N/A N/A	NONE
LOCATION: GRID AE/4/566 SCREENHOUSE	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

1-029
SW

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SERVICE WATER	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-030	TEMPERATURE DEG. F.	60-120 60-120 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MANUFACTURER: ALLIS CHALMERS							
MODEL NUMBER: 580BB8	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: SW PUMP 1E1 SERVICE WATER	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PROVIDE EMERGENCY SERVICE WATER	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 119	N/A N/A	N/A N/A	NONE
LOCATION: GRID AE/5/586 SCREENHOUSE	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1-030
SW

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. FEEDWATER	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-031	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: AFW PUMP 1E MOTOR	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MANUFACTURER: ALLIS CHALMERS							
MODEL NUMBER: 5070S	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: AFW PUMP 1E FEEDWATER	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PROVIDE EMERGENCY FEEDWATER	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	111,119 111,119	N/A N/A	N/A N/A	NONE
LOCATION: TURB BLDG	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

1-031
AFW

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: INTERNAL CONTAINMENT SPRAY	OPERATIONAL TIME	30 DAYS	>30 DAYS	35	62	TYPE TEST	NONE
PLANT ID NO: 1-107	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ALLIS CHALMERS							
MODEL NUMBER: 445TS	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ICS PUMP 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PUMP MOTOR	RADIATION RADS	9E5	1E6	105	62	TYPE TEST	NONE
LOCATION: GRID G.7/5.7/586 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1-107
ICS

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: INTERNAL CONTAINMENT SPRAY	OPERATIONAL TIME	30 DAYS	>30 DAYS	35	62	TYPE TEST	NONE
PLANT ID NO: 1-148	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ALLIS CHALMERS							
MODEL NUMBER: 445TS	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ICS PUMP 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PUMP MOTOR	RADIATION RADS	9E5	1E6	105	62	TYPE TEST	NONE
LOCATION: GRID G.7/5.3/586 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1-148
ICS

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	1 YEAR	N/A	41	N/A	N/A	NONE
PLANT ID NO: 1-15105-52A-A	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: AUX CONTACT IN BKR 15105	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: ALLIS CHALMERS							
MODEL NUMBER: LA-600 EO-A	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: CNMT FAN COIL 1C	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID A.3/8.8/586	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

4491CC705
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	12 MONTHS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-16105-52A-A	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: AUX CONTACT IN 480V BKR 16105 MANUFACTURER: ALLIS CHALMERS	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MODEL NUMBER: LA-600 EO-A	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: CNMT FAN COIL 1C	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID C.2/8.3/586	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

4491CC7C3
ASP

SYSTEM COMPONENT EVAIUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. FEEDWATER	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-280	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: AFW PUMP	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MANUFACTURER: ALLIS CHALMERS							
MODEL NUMBER: 145T	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: LUBE OIL PUMP MOTOR 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PROVIDE EMERGENCY FEEDWATER	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 111,119	N/A N/A	N/A N/A	NONE
LOCATION: TURB BLDG	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

1-280
AFW

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. FEEDWATER	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-281	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: AFW PUMP	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MANUFACTURER: ALLIS CHALMERS							
MODEL NUMBER: 145T	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: LUBE OIL PUMP MOTOR 1E	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PROVIDE EMERGENCY FEEDWATER	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 111,119	N/A N/A	N/A N/A	NONE
LOCATION: TURB BLDG	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

1-281
AFW

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: TURBINE BUILDING VENT	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-451	TEMPERATURE DEG. F.	60-120	N/A	44	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: ALLIS CHALMERS							
MODEL NUMBER: 286T	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: SCREENHOUSE EXH FAN 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: FAN DRIVER	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID. /6.1/595 SCREENHOUSE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION

1-451
TBV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: TURBINE BUILDING VENT	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-452	TEMPERATURE DEG. F.	60-120	N/A	44	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: ALLIS CHALMERS							
MODEL NUMBER: 286T	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: SCRNHSE EXH FAN 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: FAN DRIVER	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID /3.8/595 SCREENHOUSE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION

1-452
TBV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: CR-HVAC	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-463	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: ALLIS CHALMERS							
MODEL NUMBER:	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: CR A/C CHILLER PUMP 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: FAN DRIVER	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID G.8/8.6/651 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION

1-463
CRM-HVAC

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: CR-HVAC	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-464	TEMPERATURE DEG. F.	70-85 70-85 (HELB)	N/A N/A	40 40	N/A N/A	N/A N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	40 40	N/A N/A	N/A N/A	NONE
MANUFACTURER: ALLIS CHALMERS							
MODEL NUMBER: 182T	RELATIVE HUMIDITY PCT	10-40% 10-40% (HELB)	N/A N/A	40 40	N/A N/A	N/A N/A	NONE
FUNCTION: CR A/C CHILLER PUMP 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: FAN DRIVER	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 111,119	N/A N/A	N/A N/A	NONE
LOCATION: GRID G.9/8.6/651 AUX BLDG	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:

LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION

1-464
CRM-HVAC

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: 480V SUPPLY & DISTRIBUTION	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0120	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: 480V SECONDARY SUBSTATION MANUFACTURER: ALLIS CHALMERS	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MODEL NUMBER: LA	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: 480V SWGR BUS 1-51	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SAFEGUARD 480V POWER DISTRIBUTION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION

SYSTEM COMPONENT EVAIUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: 480V SUPPLY & DISTRIBUTION	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0121	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: 480V SECONDARY SUBSTATION	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: ALLIS CHALMERS							
MODEL NUMBER: IA	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: 480V SWGR BUS 1-52	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SAFEGUARD 480V POWER DISTRIBUTION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: 480V SUPPLY & DISTRIBUTION	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0122	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: 480V SECONDARY SUBSTATION MANUFACTURER: ALLIS CHALMERS	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MODEL NUMBER: LA	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: 480V SWGR BUS 1-61	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SAFEGUARD 480V POWER DISTRIBUTION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1E-0122
480V

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: 480V SUPPLY & DISTRIBUTION	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0123	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: 480V SECONDARY SUBSTATION MANUFACTURER: ALLIS CHALMERS	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MODEL NUMBER: IA	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: 480V SWGR BUS 1-62	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SAFEGUARD 480V POWER DISTRIBUTION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT	INSIDE PRIMARY CONTAINMENT	SYSTEM
1	ASCO	33016	8302C26RF	SOLENOID VALVE	YES	SECONDARY SAMP.
2	ASCO	33017	LE83146	SOLENOID VALVE	NO	SECONDARY SAMP.
3	ASCO	33018	8343-45	SOLENOID VALVE	NO	SERVICE WATER
4	ASCO	33019	8343-45	SOLENOID VALVE	NO	SERVICE WATER
5	ASCO	33020	8343-45	SOLENOID VALVE	NO	SERVICE WATER
6	ASCO	33021	8343-45	SOLENOID VALVE	NO	SERVICE WATER
7	ASCO	33024	LE 83146	SOLENOID VALVE	NO	WASTE DISPOSAL
8	ASCO	33025	HTX-8302C26F	SOLENOID VALVE	NO	MAIN STEAM
9	ASCO	33026 R	HTX 8302C26F	SOLENOID VALVE	NO	MAIN STEAM
10	ASCO	33030	8316E54	SOLENOID VALVE	YES	PRIMARY SAMPLING
11	ASCO	33033	8320A19	SOLENOID VALVE	NO	SERVICE WATER
12	ASCO	33034	8320A19	SOLENOID VALVE	NO	SERVICE WATER
13	ASCO	33040	8302C29	SOLENOID VALVE	NO	SERVICE WATER
14	ASCO	33041	8302C29	SOLENOID VALVE	NO	SERVICE WATER
15	ASCO	33043	8344E62	SOLENOID VALVE	NO	SERVICE WATER
16	ASCO	33044	8344E62	SOLENOID VALVE	NO	SERVICE WATER
17	ASCO	33072	LE 831654	SOLENOID VALVE	NO	WASTE DISPOSAL
18	ASCO	33074	LE8300E61BU	SOLENOID VALVE	NO	FEEDWATER SYS.
19	ASCO	33075	LE8300E61BU	SOLENOID VALVE	NO	FEEDWATER SYS.
20	ASCO	33077	LE8300E61RU	SOLENOID VALVE	NO	FEEDWATER SYS.
21	ASCO	33078	LE8300E61RU	SOLENOID VALVE	NO	FEEDWATER SYS.

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT PRIMARY	INSIDE CONTAINMENT	SYSTEM
22	ASCO	33080	LB8300C58RU	SOLENOID VALVE	NO	FEEDWATER SYS.
23	ASCO	33081	LB8300C58RU	SOLENOID VALVE	NO	FEEDWATER SYS.
24	ASCO	33082	LB8300C58RU	SOLENOID VALVE	NO	FEEDWATER SYS.
25	ASCO	33083	LB8300C58RU	SOLENOID VALVE	NO	FEEDWATER SYS.
26	ASCO	33086	830281RF	SOLENOID VALVE	NO	INTERNAL CONTAINMENT SPRAY
27	ASCO	33087	830281RF	SOLENOID VALVE	NO	INTERNAL CONTAINMENT SPRAY
28	ASCO	33093	LB-83146	SOLENOID VALVE	NO	REACTOR COOLANT
29	ASCO	33120	LB 83146	SOLENOID VALVE	NO	WASTE DISPOSAL
30	ASCO	33121	8316E15	SOLENOID VALVE	NO	REACTOR BUILDING VENTILATION
31	ASCO	33122	8331A45	SOLENOID VALVE	NO	REACTOR BUILDING VENTILATION
32	ASCO	33123	8331A45	SOLENOID VALVE	NO	REACTOR BUILDING VENTILATION
33	ASCO	33124	NP831655E	SOLENOID VALVE	YES	REACTOR BUILDING VENTILATION
34	ASCO	33125	NP8316E35E	SOLENOID VALVE	YES	REACTOR BUILDING VENTILATION
35	ASCO	33126	NP8316E35E	SOLENOID VALVE	YES	REACTOR BUILDING VENTILATION
36	ASCO	33127	8316E15	SOLENOID VALVE	NO	REACTOR BUILDING VENTILATION
37	ASCO	33128	8331A45	SOLENOID VALVE	NO	REACTOR BUILDING VENTILATION

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT PRIMARY	INSIDE CONTAINMENT	SYSTEM
38	ASCO	33129	8331A45	SOLENOID VALVE	NO	REACTOR BUILDING VENTILATION
39	ASCO	33130	NP831655E	SOLENOID VALVE	YES	REACTOR BUILDING VENTILATION
40	ASCO	33131	NP8316E35E	SOLENOID VALVE	YES	REACTOR BUILDING VENTILATION
41	ASCO	33132	NP8316E35E	SOLENOID VALVE	YES	REACTOR BUILDING VENTILATION
42	ASCO	33137	LB-83146	SOLENOID VALVE	NO	REACTOR COOLANT
43	ASCO	33143	LB 83146	SOLENOID VALVE	NO	WASTE DISPOSAL
44	ASCO	33145	LB 83146	SOLENOID VALVE	NO	WASTE DISPOSAL
45	ASCO	33146	LB 83146	SOLENOID VALVE	NO	WASTE DISPOSAL
46	ASCO	33158	8302C4	SOLENOID VALVE	YES	SECONDARY SAMP.
47	ASCO	33159	LB 83146	SOLENOID VALVE	NO	SECONDARY SAMP.
48	ASCO	33170	LB-83146	SOLENOID VALVE	NO	REACTOR COOLANT
49	ASCO	33171	LB-83146	SOLENOID VALVE	NO	REACTOR COOLANT
50	ASCO	33177	WP-8015C21	SOLENOID VALVE	NO	MAIN STEAM
51	ASCO	33178 R	WP-HT-8015B31	SOLENOID VALVE	NO	MAIN STEAM
52	ASCO	33181	WP-8015B31	SOLENOID VALVE	NO	MAIN STEAM
53	ASCO	33182 R	WP-HT-8015B31	SOLENOID VALVE	NO	MAIN STEAM
54	ASCO	33183	WP-8015B31	SOLENOID VALVE	NO	MAIN STEAM
55	ASCO	33184	WP-HT-8015B31	SOLENOID VALVE	NO	MAIN STEAM
56	ASCO	33185	WP-8015C21	SOLENOID VALVE	NO	MAIN STEAM

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT PRIMARY	INSIDE CONTAINMENT	SYSTEM
57	ASCO	33186	WP-HT-8015D21	SOLENOID VALVE	NO	MAIN STEAM
58	ASCO	33192	LB-831654	SOLENOID VALVE	NO	SAFETY INJECTION
59	ASCO	33193	831654	SOLENOID VALVE	NO	CHEMICAL & VOL. CONTROL
60	ASCO	33199	831654	SOLENOID VALVE	YES	CHEMICAL & VOL. CONTROL
61	ASCO	33200	831654	SOLENOID VALVE	YES	CHEMICAL & VOL. CONTROL
62	ASCO	33201	831654	SOLENOID VALVE	YES	CHEMICAL & VOL. CONTROL
63	ASCO	33244	FT8320A101	SOLENOID VALVE	NO	WASTE DISPOSAL
64	ASCO	33245	FT8320A101	SOLENOID VALVE	NO	WASTE DISPOSAL
65	ASCO	33248	HTX8302C26F	SOLENOID VALVE	NO	ACTIVE STATUS PANEL
66	ASCO	33274	8316B54	SOLENOID VALVE	YES	PRIMARY SAMPLING
67	ASCO	33287	8211C32B	SOLENOID VALVE	NO	TURBINE BUILDING VENT
68	ASCO	33288	8211C32B	SOLENOID VALVE	NO	TURBINE BUILDING VENT
69	ASCO	33291	8302C26	SOLENOID VALVE	NO	REACTOR BUILDING VENTILATION
70	ASCO	33292	8302C26	SOLENOID VALVE	NO	REACTOR BUILDING VENTILATION
71	ASCO	33302	8211C32B	SOLENOID VALVE	NO	AUX. BLDG. VENT
72	ASCO	33303	8211C32B	SOLENOID VALVE	NO	AUX. BLDG. VENT
73	ASCO	33304	8211C32B	SOLENOID VALVE	NO	AUX. BLDG. VENT

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT	INSIDE PRIMARY CONTAINMENT	SYSTEM
74	ASCO	33307	8211C32B	SOLENOID VALVE	NO	AUX. BLDG. VENT
75	ASCO	33308	8211C32B	SOLENOID VALVE	NO	AUX. BLDG. VENT
76	ASCO	33309	8210C22	SOLENOID VALVE	NO	AUX. BLDG. SPECIAL VENT
77	ASCO	33310	8210C-22	SOLENOID VALVE	NO	AUX. BLDG. SPECIAL VENT
78	ASCO	33311	8210C8	SOLENOID VALVE	NO	SHIELD BUILDING VENTILATION
79	ASCO	33312	8210-C8	SOLENOID VALVE	NO	SHIELD BUILDING VENTILATION
80	ASCO	33313	8211C32B	SOLENOID VALVE	NO	AUX. BLDG. VENT
81	ASCO	33323	832318	AFW PUMP FLOW CV SV	NO	AUX. FEEDWATER
82	ASCO	33324	832318	AFW PUMP FLOW CV SV	NO	AUX. FEEDWATER
83	ASCO	33325	8302C26	SOLENOID VALVE	NO	PRIMARY SAMPLING
84	ASCO	33326	HTX8302C26F	SOLENOID VALVE	NO	PRIMARY SAMPLING
85	ASCO	33330	HTX8302E26F	SOLENOID VALVE	NO	RESIDUAL HEAT REMOVAL
86	ASCO	33331	HTX8302B26F	SOLENOID VALVE	NO	RESIDUAL HEAT REMOVAL
87	ASCO	33353	8210C-4	SOLENOID VALVE	NO	CR-HVAC
88	ASCO	33354	8210C-4	SOLENOID VALVE	NO	CR-HVAC
89	ASCO	33371	8211C32B	SOLENOID VALVE	NO	TURBINE BUILDING VENT
90	ASCO	33372	8211C32B	SOLENOID VALVE	NO	TURBINE BUILDING VENT

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT	PRIMARY	INSIDE CONTAINMENT	SYSTEM
91	ASCO	33378	HTX8302C26F	SOLENOID VALVE		NO	INTERNAL CONTAINMENT SPRAY
92	ASCO	33379	HTX8302C26F	SOLENOID VALVE		NO	INTERNAL CONTAINMENT SPRAY
93	ASCO	33385	8302C26F	SOLENOID VALVE		NO	REACTOR BUILDING VENTILATION
94	ASCO	33386	8302C26F	SOLENOID VALVE		NO	REACTOR BUILDING VENTILATION
95	ASCO	33387	8302C26F	SOLENOID VALVE		NO	REACTOR BUILDING VENTILATION
96	ASCO	33416	8302C4	SOLENOID VALVE		NO	AUX. BLDG. SPECIAL VENT
97	ASCO	33417	8302C4	SOLENOID VALVE		NO	AUX. BLDG. SPECIAL VENT
98	ASCO	33418	8302C4	SOLENOID VALVE		NO	AUX. BLDG. SPECIAL VENT
99	ASCO	33419	8302C4	SOLENOID VALVE		NO	AUX. BLDG. SPECIAL VENT
100	ASCO	33420	8302C4	SOLENOID VALVE		NO	AUX. BLDG. SPECIAL VENT
101	ASCO	33421	8302C4	SOLENOID VALVE		NO	AUX. BLDG. SPECIAL VENT
102	ASCO	33422	8302C4	SOLENOID VALVE		NO	AUX. BLDG. SPECIAL VENT
103	ASCO	33425	8302C4	SOLENOID VALVE		NO	AUX. BLDG. SPECIAL VENT
104	ASCO	33426	8302C4	SOLENOID VALVE		NO	AUX. BLDG. SPECIAL VENT

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -I LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT PRIMARY	INSIDE CONTAINMENT	SYSTEM
105	ASCO	33427	8302C4F	SOLENOID VALVE	NO	AUX. BLDG. SPECIAL VENT
106	ASCO	33428	8302C4F	SOLENOID VALVE	NO	AUX. BLDG. SPECIAL VENT
107	ASCO	33435	HTX-8302C26F SOL. CAT. NO. 80173	SOLENOID VALVE	NO	AUX. BLDG. SPECIAL VENT
108	ASCO	33446	HTX-8302C26F SOL. CAT. NO. 80173	SOLENOID VALVE	NO	AUX. BLDG. SPECIAL VENT
109	ASCO	33449	8302C4F	SOLENOID VALVE	NO	AUX. BLDG. SPECIAL VENT
110	ASCO	33641	8300C61	SOLENOID VALVE	NO	CR-HVAC

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -I LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SECONDARY SAMP.	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33016	TEMPERATURE DEG. F.	293	NOTE A	1	NOTE A	NOTE A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	60.7	NOTE A	2,3	NOTE A	NOTE A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8302C26BF	RELATIVE HUMIDITY PCT	100%	NOTE A	2	NOTE A	NOTE A	NONE
S/N 81263S							
FUNCTION: S/G 1B SAMPLING ISOL SV	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	NOTE A	4,5,118	NOTE A	NOTE A	NONE
SERVICE: VALVE CONTROL SV	RADIATION RADS	5E7 GAMMA 2E6 BETA	NOTE A	2,6,7,8	NOTE A	NOTE A	NONE
LOCATION: 2CV-31270 GRID 6/75/611 RX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: 600' ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,R)

NOTES:

A) THIS SOLENOID IS NORMALLY ENERGIZED, AND SO ELECTRICAL FAILURE WOULD ALLOW THE ASSOCIATED CONTROL VALVE TO CLOSE IN ITS ACCIDENT POSITION. SCHEDULED FOR REPLACEMENT WITH QUALIFIED SOLENOID VALVE (P.O.34247).

33016
SS

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SECONDARY SAMP.	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33017	TEMPERATURE DEG. F.	120	NOTE A	37,39	NOTE A	NOTE A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,39	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: IB83146	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,43	N/A	N/A	NONE
S/N 5047211							
FUNCTION: S/G 1B SAMPLE STOP SV CNTMT ISOL	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL SV	RADIATION RADS	1.2E5	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: @CV-31271 GRID JJW.0/3.5/611 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,R)

NOTES:

A) THIS SOLENOID IS NORMALLY ENERGIZED, AND SO ELECTRICAL FAILURE WOULD ALLOW THE ASSOCIATED CONTROL VALVE TO CLOSE IN ITS ACCIDENT POSITION. SCHEDULED FOR REPLACEMENT WITH QUALIFIED SOLENOID VALVE (P.O.44056).

33017
SS

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SERVICE WATER	OPERATIONAL TIME	1 YEAR	N/A	108	N/A	N/A	NONE
PLANT ID NO: 33018	TEMPERATURE DEG. F.	60-120	N/A	44	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8343-45	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: SW STRAINER 1A1 DRN SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: @CV-31153 (SW30A1) @SW STRAINER 1A1 SCREENHOUSE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

33018
SW

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: SERVICE WATER	OPERATIONAL TIME	1 YEAR	N/A	108	N/A	N/A	NONE
PLANT ID NO: 33019	TEMPERATURE DEG. F.	60-120	N/A	44	N/A.	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8343-45	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: SW STRAINER 1A2 DRN SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: @CV-31154 (SW30A2) @SW STRAINER 1A2 SCREENHOUSE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33019
SW

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SERVICE WATER	OPERATIONAL TIME	1 YEAR	N/A	108	N/A	N/A	NONE
PLANT ID NO: 33020	TEMPERATURE DEG. F.	60-120	N/A	44	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8343-45	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: SW STRAINER 1B1 DRN SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: @CV-31155 (SW30BD) @SW STRAINER 1B1 SCREENHOUSE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33020
SW

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SERVICE WATER	OPERATIONAL TIME	1 YEAR	N/A	108	N/A	N/A	NONE
PLANT ID NO: 33021	TEMPERATURE DEG. F.	60-120	N/A	44	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8343-45	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: SW STRAINER 1E2 DRN SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: @CV-31156 (SW30B2) @SW STRAINER 1B2 SCREENHOUSE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33021
SW

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: WASTE DISPOSAL	OPERATIONAL TIME	30 MINUTES	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33024	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: LB 83146	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CNTMT ISOL EC DRN TNK VENT SV 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL	RADIATION RADS	1.2E5	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: @CV-31132 GRID H.5/4.5/608 AUX BLDG SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

A) QUALIFICATION DATA TO DEMONSTRATE COMPLETE ACCEPTABILITY OF THE SOLENOID'S NON-METALLIC COMPONENTS HAS NOT BEEN LOCATED TO DATE; REPLACEMENT KITS WILL BE ORDERED TO REPLACE THE ELASTOMERS AND COILS WITH COMPONENTS OF THE SAME CONSTRUCTION AS THOSE FOUND IN THE NUCLEAR QUALIFIED SOLENOID VALVES.
B) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MAIN STEAM	OPERATIONAL TIME	30 MINUTES	NOTE A	109	NOTE A	NOTE A	NONE
PLANT ID NO: 33025	TEMPERATURE DEG. F.	298	NOTE A	111	NOTE A	NOTE A	NONE
COMPONENT: SOLENOID VALVE MANUFACTURER: ASCO	PRESSURE PSIA	13.7-15.7	N/A	37,39,111	N/A	N/A	NONE
MODEL NUMBER: HTX-8302C26F S/N 17126B2	RELATIVE HUMIDITY PCT	100%	NOTE A	111	NOTE A	NOTE A	NONE
FUNCTION: MN STM HDR 1A CONT RLF CV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: @CV-31170 (SD3A) GRID M.2/4.5/626 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

HELB YES (T,H)

NOTES:

A) QUALIFICATION DATA TO DEMONSTRATE COMPLETE ACCEPTABILITY OF THE SOLENOID'S NON-METALLIC COMPONENTS HAS NOT BEEN LOCATED TO DATE; REPLACEMENT SOLENOID VALVES HAVE BEEN ORDERED AND WILL BE INSTALLED WHEN RECEIVED (P.O.34247).

33025
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MAIN STEAM	OPERATIONAL TIME	30 MINUTES	NOTE A	109	NOTE A	NOTE A	NONE
PLANT ID NO: 33026 R	TEMPERATURE DEG. F.	234	NOTE A	111	NOTE A	NOTE A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,39,111	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: HTX 8302C26F	RELATIVE HUMIDITY PCT	100%	NOTE A	111	NOTE A	NOTE A	NONE
S/N 1712683							
FUNCTION: MN STM HDR 1B CONT RLF SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: @CV-31174 (SD3B) GRID HE.0/3.9/648 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: 626'4" ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

HELB YES (T,H)

NOTES:

A) QUALIFICATION DATA TO DEMONSTRATE COMPLETE ACCEPTABILITY OF THE SOLENOID'S NON-METALLIC COMPONENTS HAS NOT BEEN LOCATED TO DATE; REPLACEMENT SOLENOID VALVES HAVE BEEN ORDERED AND WILL BE INSTALLED WHEN RECEIVED (P.O.34247).

33026
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: PRIMARY SAMPLING	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33030	TEMPERATURE DEG. F.	293	NOTE A	1	NOTE A	NOTE A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	60.7	NOTE A	2,3	NOTE A	NOTE A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8316B54	RELATIVE HUMIDITY PCT	100%	NOTE A	2	NOTE A	NOTE A	NONE
FUNCTION: CNTMT. ISOL. PRZR LIQ SAMPLING ISOL CV SV	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	NOTE A	4,5,118	NOTE A	NOTE A	NONE
SERVICE: VALVE CONTROL SV	RADIATION RADS	5E7 GAMMA 2E6 BETA	NOTE A	2,6,7,8	NOTE A	NOTE A	NONE
LOCATION: @CV-31264 GRID 23/122/631 RX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,R)

NOTES:

A) QUALIFICATION DATA TO DEMONSTRATE COMPLETE ACCEPTABILITY OF THE SOLENOID'S NON-METALLIC COMPONENTS HAS NOT BEEN LOCATED TO DATE; REPLACEMENT SOLENOID VALVES HAVE BEEN ORDERED AND WILL BE INSTALLED WHEN RECEIVED (P.O.34247).

33030
PS

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SERVICE WATER	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 33033	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8320A19	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: D/G 1A OIL CLR WTR OUTLET SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PROVIDE EMERGENCY SERVICE WATER	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 111,119	N/A N/A	N/A N/A	NONE
LOCATION: @CV-31088 GRID AE.3/7.6/593 ADM BLDG	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIELIOGRAPY

HARSH:

LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

33033
SW

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SERVICE WATER	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 33034	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8320A19	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: D/G 1B OIL CLR WTR OUTLET SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PROVIDE EMERGENCY SERVICE WATER	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	111,119 119	N/A N/A	N/A N/A	NONE
LOCATION: @CV-31089 GRID AE.4/6.2/593 ADM BLDG	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

BARSH:

LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

33034
SW

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SERVICE WATER	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 33040	TEMPERATURE DEG. F.	60-120 60-120 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8302C29	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: SW PMP HDR ISOL SV 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PROVIDE EMERGENCY SERVICE WATER	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 111,119	N/A N/A	N/A N/A	NONE
LOCATION: @CV-31038 CN SW HDR SCREENHOUSE	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33040
SW

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SERVICE WATER	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 33041	TEMPERATURE DEG. F.	60-120 60-120 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8302C29	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: SW PMP HDR ISOL SV 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PROVIDE EMERGENCY SERVICE WATER	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 111,119	N/A N/A	N/A N/A	NONE
LOCATION: @CV-31040 CN SW HDR SCREENHOUSE	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33041
SW

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SERVICE WATER	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 33043	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8344B62	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: SW TURB BLDG. HDR 1A SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PROVIDE EMERGENCY SERVICE WATER	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: @CV-31084 GRID A.0/7.2/593 TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33043
SW

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SERVICE WATER	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 33044	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8344B62	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: SW TURB BLDG. HDR 1B SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PROVIDE EMERGENCY SERVICE WATER	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: @CV-31085 GRID AE.4/6.7/596 ADM BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33044
SW

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: WASTE DISPOSAL	OPERATIONAL TIME	30 MINUTES	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33072	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: LB 831654	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CNTMT ISOL RC DRN TNK VENT SV 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL	RADIATION RADS	1.2E5	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: @CV-31133 GRID H.4/4.5/6086 AUX BLDG SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HABSH:

LOCA YES (R)

NOTES:

A) QUALIFICATION DATA TO DEMONSTRATE COMPLETE ACCEPTABILITY OF THE SOLENOID'S NON-METALLIC COMPONENTS HAS NOT BEEN LOCATED TO DATE; REPLACEMENT KITS WILL BE ORDERED TO REPLACE THE ELASTOMERS AND COILS WITH COMPONENTS OF THE SAME CONSTRUCTION AS THOSE FOUND IN THE NUCLEAR QUALIFIED SOLENOID VALVES.
B) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: FEEDWATER SYS.	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33074	TEMPERATURE DEG. F.	130	NOTE A	37,39	NOTE A	NOTE A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,39	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: LB8300B61BU	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,43	N/A	N/A	NONE
FUNCTION: S/G 1A/1B FEEDWATER CONTROL 31027	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL SV	RADIATION RADS	1.2E5	1E6	41	60	ANALYSIS	NONE
LOCATION: GRID H.0/5.4/609 AUX BLDG	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,B)

NOTES:

A) QUALIFICATION DATA TO DEMONSTRATE COMPLETE ACCEPTABILITY OF THE SOLENOID'S NON-METALLIC COMPONENTS HAS NOT BEEN LOCATED TO DATE; REPLACEMENT KITS WILL BE ORDERED TO REPLACE THE ELASTOMERS AND COILS WITH COMPONENTS OF THE SAME CONSTRUCTION AS THOSE FOUND IN THE NUCLEAR QUALIFIED SOLENOID VALVES.
B) SEE AGING PROGRAM DESCRIPTION.

33074
FW

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: FEEDWATER SYS.	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33075	TEMPERATURE DEG. F.	130	NOTE A	37,39	NOTE A	NOTE A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,39	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: LB8300B61BU	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,43	N/A	N/A	NONE
FUNCTION: S/G 1A/1B FEEDWATER CONTROL 31027	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL SV	RADIATION RADS	1.2E5	1E6	41	60	ANALYSIS	NONE
LOCATION: GRID M.0/5.4/609 AUX BLDG	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: 600' ABOVE FLOOD LEVEL:	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (T,R)

NOTES:

A) QUALIFICATION DATA TO DEMONSTRATE COMPLETE ACCEPTABILITY OF THE SOLENOID'S NON-METALLIC COMPONENTS HAS NOT BEEN LOCATED TO DATE; REPLACEMENT KITS WILL BE ORDERED TO REPLACE THE ELASTOMERS AND COILS WITH COMPONENTS OF THE SAME CONSTRUCTION AS THOSE FOUND IN THE NUCLEAR QUALIFIED SOLENOID VALVES.
B) SEE AGING PROGRAM DESCRIPTION.

33075
FW

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: FEEDWATER SYS.	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33077	TEMPERATURE DEG. F.	115	NOTE A	37,39	NOTE A	NOTE A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,39	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: LB8300B61RO	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,43	N/A	N/A	NONE
FUNCTION: S/G 1B FEEDWATER CONTROL 31030	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL SV	RADIATION RADS	1.2E5	1E6	41	60	ANALYSIS	NONE
LOCATION: GRID G.9/4.5/629 AUX BLDG	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,B)

NOTES:

A) QUALIFICATION DATA TO DEMONSTRATE COMPLETE ACCEPTABILITY OF THE SOLENOID'S NON-METALLIC COMPONENTS HAS NOT BEEN LOCATED TO DATE; REPLACEMENT KITS WILL BE ORDERED TO REPLACE THE ELASTOMERS AND COILS WITH COMPONENTS OF THE SAME CONSTRUCTION AS THOSE FOUND IN THE NUCLEAR QUALIFIED SOLENOID VALVES.
B) SEE AGING PROGRAM DESCRIPTION.

33077
FW

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: FEEDWATER SYS.	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33078	TEMPERATURE DEG. F.	115	NOTE A	37,39	NOTE A	NOTE A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,39	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: LB8300B61RU	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,43	N/A	N/A	NONE
FUNCTION: S/G 1B FEEDWATER CONTROL 31030	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL SV	RADIATION RADS	1.2E5	1E6	41	60	ANALYSIS	NONE
LOCATION: GRID G.9/4.5/629 AUX BLDG	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,B)

NOTES:

A) QUALIFICATION DATA TO DEMONSTRATE COMPLETE ACCEPTABILITY OF THE SOLENOID'S NON-METALLIC COMPONENTS HAS NOT BEEN LOCATED TO DATE; REPLACEMENT KITS WILL BE ORDERED TO REPLACE THE ELASTOMERS AND COILS WITH COMPONENTS OF THE SAME CONSTRUCTION AS THOSE FOUND IN THE NUCLEAR QUALIFIED SOLENOID VALVES.
B) SEE AGING PROGRAM DESCRIPTION.

33078
FW

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: FEEDWATER SYS.	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33080	TEMPERATURE DEG. F.	130	NOTE A	37,39	NOTE A	NOTE A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,39	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: LB8300C58RU	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,43	N/A	N/A	NONE
FUNCTION: S/G 1A FEEDWATER BYPASS CONTROL (31157)	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL SV	RADIATION RADS	1.2E5	1E6	41	60	ANALYSIS	NONE
LOCATION: GRID L.8/5.3/612 AUX BLDG	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,E)

NOTES:

A) QUALIFICATION DATA TO DEMONSTRATE COMPLETE ACCEPTABILITY OF THE SOLENOID'S NON-METALLIC COMPONENTS HAS NOT BEEN LOCATED TO DATE; REPLACEMENT KITS WILL BE ORDERED TO REPLACE THE ELASTOMERS AND COILS WITH COMPONENTS OF THE SAME CONSTRUCTION AS THOSE FOUND IN THE NUCLEAR QUALIFIED SOLENOID VALVES.
B) SEE AGING PROGRAM DESCRIPTION.

33080
FW

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: FEEDWATER SYS.	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33081	TEMPERATURE DEG. F.	130	NOTE A	37,39	NOTE A	NOTE A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,39	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: LB8300C58RU	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,43	N/A	N/A	NONE
FUNCTION: S/G 1A FEEDWATER BYPASS CONTROL (31157)SV 1A2	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL SV	RADIATION RADS	1.2E5	1E6	41	60	ANALYSIS	NONE
LOCATION: GRID L.8/5.3/612 AUX BLDG	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,B)

NOTES:

A) QUALIFICATION DATA TO DEMONSTRATE COMPLETE ACCEPTABILITY OF THE SOLENOID'S NON-METALLIC COMPONENTS HAS NOT BEEN LOCATED TO DATE; REPLACEMENT KITS WILL BE ORDERED TO REPLACE THE ELASTOMERS AND COILS WITH COMPONENTS OF THE SAME CONSTRUCTION AS THOSE FOUND IN THE NUCLEAR QUALIFIED SOLENOID VALVES.
B) SEE AGING PROGRAM DESCRIPTION.

33081
FW

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: FEEDWATER SYS.	OPERATIONAL TIME	30 DAYS	30 DAYS	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33082	TEMPERATURE DEG. F.	115	N/A	37,39	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,39	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: LB8300C58R0	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,43	N/A	N/A	NONE
FUNCTION: S/G 1B FEEDWATER BYPASS CONTROL (31158)SV 1B1	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL SV	RADIATION RADS	1.2E5	1E6	41	60	ANALYSIS	NONE
LOCATION: GRID G.9/4.5/632 AUX BLDG	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,B)

NOTES:

A) QUALIFICATION DATA TO DEMONSTRATE COMPLETE ACCEPTABILITY OF THE SOLENOID'S NON-METALLIC COMPONENTS HAS NOT BEEN LOCATED TO DATE; REPLACEMENT KITS WILL BE ORDERED TO REPLACE THE ELASTOMERS AND COILS WITH COMPONENTS OF THE SAME CONSTRUCTION AS THOSE FOUND IN THE NUCLEAR QUALIFIED SOLENOID VALVES.
B) SEE AGING PROGRAM DESCRIPTION.

33082
FW

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: FEEDWATER SYS.	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33083	TEMPERATURE DEG. F.	115	NOTE A	37,39	NOTE A	NOTE A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,39	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: LB8300C58RU	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,43	N/A	N/A	NONE
FUNCTION: S/G 1B FEEDWATER BYPASS CONTROL (31158) SV 1B2	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL SV	RADIATION RADS	1.2E5	1E6	41	60	ANALYSIS	NONE
LOCATION: GRID G.9/4.5/633 AUX BLDG	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL REV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,R)

NOTES:

A) QUALIFICATION DATA TO DEMONSTRATE COMPLETE ACCEPTABILITY OF THE SOLENOID'S NON-METALLIC COMPONENTS HAS NOT BEEN LOCATED TO DATE; REPLACEMENT KITS WILL BE ORDERED TO REPLACE THE ELASTOMERS AND COILS WITH COMPONENTS OF THE SAME CONSTRUCTION AS THOSE FOUND IN THE NUCLEAR QUALIFIED SOLENOID VALVES.
B) SEE AGING PROGRAM DESCRIPTION.

33083
FW

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: INTERNAL CONTAINMENT SPRAY	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 33086	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 830281RF	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CONTMT. SPRAY TEST LINE ISO. (31272)	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL SV	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID GW.6/4.5/598 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33086
ICS

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: INTERNAL CONTAINMENT SPRAY	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 33087	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 830281RF	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CONTMT. SPRAY TEST LINE ISO. (31273)	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL SV	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID GW.6/4.5/598 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33087
ICS

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR COOLANT	OPERATIONAL TIME	30 MINUTES	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33093	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: LB-83146	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: GAS ANAL. SAMPLE CONTAINMENT ISOL. PRZR RLF TNK	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL SV	RADIATION RADS	1.2E5	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: GRID H.5/4.5/611 AUX BLDG SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (R)

NOTES:

A) QUALIFICATION DATA TO DEMONSTRATE COMPLETE ACCEPTABILITY OF THE SOLENOID'S NON-METALLIC COMPONENTS HAS NOT BEEN LOCATED TO DATE; REPLACEMENT KITS WILL BE ORDERED TO REPLACE THE ELASTOMERS AND COILS WITH COMPONENTS OF THE SAME CONSTRUCTION AS THOSE FOUND IN THE NUCLEAR QUALIFIED SOLENOID VALVES.
B) SEE AGING PROGRAM DESCRIPTION.

33093
RC

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: WASTE DISPOSAL	OPERATIONAL TIME	30 MINUTES	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33120	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: LB 83146	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CNTMT ISOL RC DRN EMRS DSCH HDR SV 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL	RADIATION RADS	1.2E5	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: @CV-31134 GRID H.4/4/611 AUX BLDG SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (R)

NOTES:

A) QUALIFICATION DATA TO DEMONSTRATE COMPLETE ACCEPTABILITY OF THE SOLENOID'S NON-METALLIC COMPONENTS HAS NOT BEEN LOCATED TO DATE; REPLACEMENT KITS WILL BE ORDERED TO REPLACE THE ELASTOMERS AND COILS WITH COMPONENTS OF THE SAME CONSTRUCTION AS THOSE FOUND IN THE NUCLEAR QUALIFIED SOLENOID VALVES.
B) SEE AGING PROGRAM DESCRIPTION.

33120
WD-LIQ

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR BUILDING VENTILATION	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33121	TEMPERATURE DEG. F.	160	NOTE A	53	NOTE A	NOTE A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	53	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8316B15	RELATIVE HUMIDITY PCT	100%	NOTE A	53	NOTE A	NOTE A	NONE
FUNCTION: CONTAINMENT ISOL. OUTSIDE VESSEL EXH CV INLET SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL	RADIATION RADS	6.5E6	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: @CV-31123 GRID 2.5/103/666 ANNULUS	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,H,R)

NOTES:

A) THE ASSOCIATED CONTROL VALVE IS NORMALLY CLOSED AND THIS SOLENOID IS NORMALLY DE-ENERGIZED. IF THE SOLENOID FAILED ELECTRICALLY, IT WOULD NOT CAUSE THE SPURIOUS OPENING OF THE CONTROL VALVE. TO BE REPLACED WITH QUALIFIED VALVE (P.O.34247).

33121
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR BUILDING VENTILATION PLANT ID NO: 33122 COMPONENT: SOLENOID VALVE MANUFACTURER: ASCO MODEL NUMBER: 8331A45 FUNCTION: CONTAINMENT ISOL. OUTSIDE VESSEL EXH CV VENT SV SERVICE: VALVE CONTROL LOCATION: @CV-31123 GRID 2.5/103/666 ANNULUS FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	NONE
	TEMPERATURE DEG. F.	160	NOTE A	53	NOTE A	NOTE A	NONE
	PRESSURE PSIA	13.7-15.7	N/A	53	N/A	N/A	NONE
	RELATIVE HUMIDITY PCT	100%	NOTE A	53	NOTE A	NOTE A	NONE
	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
	RADIATION RADS	6.5E6	NOTE A	41	NOTE A	NOTE A	NONE
	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (T,H,R)

NOTES:

A) THE ASSOCIATED CONTROL VALVE IS NORMALLY CLOSED AND THIS SOLENOID IS NORMALLY DE-ENERGIZED. IF THE SOLENOID FAILED ELECTRICALLY, IT WOULD NOT CAUSE THE SPURIOUS OPENING OF THE CONTROL VALVE. TO BE REPLACED WITH QUALIFIED VALVE (P.O.34247).

33122
BBV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR BUILDING VENTILATION	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33123	TEMPERATURE DEG. F.	160	NOTE A	53	NOTE A	NOTE A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	53	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8331A45	RELATIVE HUMIDITY PCT	100%	NOTE A	53	NOTE A	NOTE A	NONE
FUNCTION: CONTAINMENT ISOL. OUTSIDE VESSEL EXH CV VENT SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL	RADIATION RADS	6.5E6	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: @CV-31123 GRID 2.5/103/666 ANNULUS	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,H,R)

NOTES:

A) THE ASSOCIATED CONTROL VALVE IS NORMALLY CLOSED AND THIS SOLENOID IS NORMALLY DE-ENERGIZED. IF THE SOLENOID FAILED ELECTRICALLY, IT WOULD NOT CAUSE THE SPURIOUS OPENING OF THE CONTROL VALVE. TO BE REPLACED WITH QUALIFIED VALVE (P.O.34247).

33123
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR BUILDING VENTILATION	OPERATIONAL TIME	1 YEAR	1 YEAR,NOTE A	35	57	SEQ TEST	NONE
PLANT ID NO: 33124	TEMPERATURE DEG. F.	293	346	1	57	SEQ TEST	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	60.7	124.7	2,3	57	SEQ TEST	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: NP831655E	RELATIVE HUMIDITY PCT	100%	100%	2	57	SEQ TEST	NONE
FUNCTION: CONTAINMENT ISOL. OUTSIDE VESSEL EXH CV INLET SV	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NACH	PH =10.0	4,5,118	57	SEQ TEST	NONE
SERVICE: VALVE CONTROL	RADIATION RADS	5E7 GAMMA 2E6 BETA	2E8 GAMMA >2E6 BETA	2,6,7,8	57,101	SEQ TEST	NONE
LOCATION: @CV-31124 GRID 2.5/103/666 RX BLDG	AGING	>1 YEAR	3.4 YRS,NOTE A	8	57	SEQ TEST	NONE
FLOOD LEVEL ELEV: 600' ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,F)

NOTES:

A) THIS VALVE HAS BEEN TESTED AND QUALIFIED FOR 4.4 YRS. IT IS REQUIRED TO OPERATE FOR 1 YEAR; THEREFORE, THE AGING QUALIFICATION HAS BEEN ADJUSTED TO 3.4 YEARS. SEE AGING PROGRAM DESCRIPTION.

33124
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR BUILDING VENTILATION	OPERATIONAL TIME	1 YEAR	1 YEAR,NOTE A	35	57	SEQ TEST	NONE
PLANT ID NO: 33125	TEMPERATURE DEG. F.	293	346	1	57	SEQ TEST	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	60.7	124.7	2,3	57	SEQ TEST	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: NP8316E35E	RELATIVE HUMIDITY PCT	100%	100%	2	57	SEQ TEST	NONE
FUNCTION: CONTAINMENT ISOL. INSIDE VESSEL EXH CV INLET SV	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NACH	PH =10.0	4,5,118	57	SEQ TEST	NONE
SERVICE: VALVE CONTROL	RADIATION RADS	5E7 GAMMA 2E6 BETA	2E8 GAMMA >2E6 BETA	2,6,7,8	57,101	SEQ TEST	NONE
LOCATION: @CV-31124 GRID 2.5/103/666 RX BLDG	AGING	>1 YEAR	3.4 YRS,NOTE A	8	57	SEQ TEST	NONE
FLOOD LEVEL ELEV: 600' ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,R)

NOTES:

A) THIS VALVE HAS BEEN TESTED AND QUALIFIED FOR 4.4 YRS. IT IS REQUIRED TO OPERATE FOR 1 YEAR; THEREFORE, THE AGING QUALIFICATION HAS BEEN ADJUSTED TO 3.4 YEARS. SEE AGING PROGRAM DESCRIPTION.

33125
RBV

UNIT: KEWAUNEE

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR BUILDING VENTILATION	OPERATIONAL TIME	1 YEAR	1 YEAR,NOTE A	35	57	SEQ TEST	NONE
PLANT ID NO: 33126	TEMPERATURE DEG. F.	293	346	1	57	SEQ TEST	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	60.7	124.7	2,3	57	SEQ TEST	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: NP8316E35E	RELATIVE HUMIDITY PCT	100%	100%	2	57	SEQ TEST	NONE
FUNCTION: CONTAINMENT ISOL. INSIDE VESSEL EXH CV VENT SV	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NACH	PH =10.0	4,5,118	57	SEQ TEST	NONE
SERVICE: VALVE CONTROL	RADIATION RADS	5E7 GAMMA 2E6 BETA	2E8 GAMMA >2E6 BETA	2,6,7,8	57,101	SEQ TEST	NONE
LOCATION: @CV-31124 GRID 2.5/103/666 RX BLDG	AGING	>1 YEAR	3.4 YRS,NOTE A	8	57	SEQ TEST	NONE
FLOOD LEVEL ELEV: 600' ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,R)

NOTES:

A) THIS VALVE HAS BEEN TESTED AND QUALIFIED FOR 4.4 YRS. IT IS REQUIRED TO OPERATE FOR 1 YEAR; THEREFORE, THE AGING QUALIFICATION HAS BEEN ADJUSTED TO 3.4 YEARS. SEE AGING PROGRAM DESCRIPTION.

33126
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: REACTOR BUILDING VENTILATION	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33127	TEMPERATURE DEG. F.	160	NOTE A	53	NOTE A	NOTE A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	53	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8316B15	RELATIVE HUMIDITY PCT	100%	NOTEA	53	NOTE A	NOTE A	NONE
FUNCTION: CONTIANMENT ISOL. OUTSIDE VESSEL SUPPLY (31125)	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTRCL	RADIATION RADS	6.5E6	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: GRID 2.5/109/666 ANNULUS	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:

LOCA YES (T,H,R,)

NOTES:

A) THE ASSOCIATED CONTROL VALVE IS NORMALLY CLOSED AND THIS SOLENOID IS NORMALLY DE-ENERGIZED. IF THE SOLENOID FAILED ELECTRICALLY, IT WOULD NOT CAUSE THE SPURIOUS OPENING OF THE CONTROL VALVE. TO BE REPLACED WITH QUALIFIED VALVE (P.O.34247).

33127
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR BUILDING VENTILATION	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33128	TEMPERATURE DEG. F.	160	NOTE A	53	NOTE A	NOTE A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	53	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8331A45	RELATIVE HUMIDITY PCT	100%	NOTE A	53	NOTE A	NOTE A	NONE
FUNCTION: CONTIANMENT ISOL. OUTSIDE VESSEL SPLY CV VENT SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL	RADIATION RADS	6.5E6	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: @CV-31125 GRID 2.5/109/666 ANNULUS	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:

LOCA YES (T,H,R,)

NOTES:

A) THE ASSOCIATED CONTROL VALVE IS NORMALLY CLOSED AND THIS SOLENOID IS NORMALLY DE-ENERGIZED. IF THE SOLENOID FAILED ELECTRICALLY, IT WOULD NOT CAUSE THE SPURIOUS OPENING OF THE CONTROL VALVE. TO BE REPLACED WITH QUALIFIED VALVE (P.O.34247).

33128
BBV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR BUILDING VENTILATION	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33129	TEMPERATURE DEG. F.	160	NOTE A	53	NOTE A	NOTE A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	53	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8331A45	RELATIVE HUMIDITY PCT	100%	NOTE A	53	NOTE A	NOTE A	NONE
FUNCTION: CONTIANMENT ISOL. OUTSIDE VESSEL SPLY CV VENT SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL	RADIATION RADS	6.5E6	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: RCV-31125 GRID 2.5/109/666 ANNULUS	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,H,R,)

NOTES:

A) THE ASSOCIATED CONTROL VALVE IS NORMALLY CLOSED AND THIS SOLENOID IS NORMALLY DE-ENERGIZED. IF THE SOLENOID FAILED ELECTRICALLY, IT WOULD NOT CAUSE THE SPURIOUS OPENING OF THE CONTROL VALVE. TO BE REPLACED WITH QUALIFIED VALVE (P.O.34247).

33129
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: REACTOR BUILDING VENTILATION	OPERATIONAL TIME	1 YEAR	1 YEAR,NOTE A	35	57	SEQ TEST	NONE
PLANT ID NO: 33130	TEMPERATURE DEG. F.	293	346	1	57	SEQ TEST	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	60.7	124.7	2,3	57	SEQ TEST	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: NP831655E	RELATIVE HUMIDITY PCT	100%	100%	2	57	SEQ TEST	NONE
FUNCTION: CONTIANMENT ISOL. INSIDE VESSEL SPLY CV INLET SV	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH =10.0	4,5,118	57	SEQ TEST	NONE
SERVICE: VALVE CONTROL	RADIATION RADS	5E7 GAMMA 2E6 BETA	2E8 GAMMA >2E6 BETA	2,6,7,8	57,101	SEQ TEST	NONE
LOCATION: @CV-31126 GRID 2.5/109/666 RX BLDG	AGING	>1 YEAR	3.4 YRS,NOTE A	8	57	SEQ TEST	NONE
FLOOD LEVEL ELEV: 600' ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,R)

NOTES:

A) THIS VALVE HAS BEEN TESTED AND QUALIFIED FOR 4.4 YRS. IT IS REQUIRED TO OPERATE FOR 1 YEAR; THEREFORE, THE AGING QUALIFICATION HAS BEEN ADJUSTED TO 3.4 YEARS. SEE AGING PROGRAM DESCRIPTION.

33130
RBV

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR BUILDING VENTILATION	OPERATIONAL TIME	1 YEAR	1 YEAR,NOTE A	35	57	SEQ TEST	NONE
PLANT ID NO: 33131	TEMPERATURE DEG. F.	293	346	1	57	SEQ TEST	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	60.7	124.7	2,3	57	SEQ TEST	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: NP8316E35E	RELATIVE HUMIDITY PCT	100%	100%	2	57	SEQ TEST	NONE
FUNCTION: CONTAINMENT ISOL. INSIDE VESSEL SUPPLY CV VENT SV	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NACH	PH =10.0	4,5,118	57	SEQ TEST	NONE
SERVICE: VALVE CONTROL	RADIATION RADS	5E7 GAMMA 2E6 BETA	2E8 GAMMA >2E6 BETA	2,6,7,8	57,101	SEQ TEST	NONE
LOCATION: @CV-31126 GRID 2.5/109/666 RX BLDG	AGING	>1 YEAR	3.4 YRS,NOTE A	8	57	SEQ TEST	NONE
FLOOD LEVEL ELEV: 600' ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,R)

NOTES:

A) THIS VALVE HAS BEEN TESTED AND QUALIFIED FOR 4.4 YRS. IT IS REQUIRED TO OPERATE FOR 1 YEAR; THEREFORE, THE AGING QUALIFICATION HAS BEEN ADJUSTED TO 3.4 YEARS. SEE AGING PROGRAM DESCRIPTION.

33131
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR BUILDING VENTILATION	OPERATIONAL TIME	1 YEAR	1 YEAR,NOTE A	35	57	SEQ TEST	NONE
PLANT ID NO: 33132	TEMPERATURE DEG. F.	293	346	1	57	SEQ TEST	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	60.7	124.7	2,3	57	SEQ TEST	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: NP8316E35E	RELATIVE HUMIDITY PCT	100%	100%	2	57	SEQ TEST	NONE
FUNCTION: CONTAINMENT ISOL. INSIDE VESSEL SUPPLY CV VENT SV	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH =10.0	4,5,118	57	SEQ TEST	NONE
SERVICE: VALVE CONTROL	RADIATION RADS	5E7 GAMMA 2E6 BETA	2E8 GAMMA >2E6 BETA	2,6,7,8	57,101	SEQ TEST	NONE
LOCATION: @CV-31126 GRID 2.5/109/666 RX BLDG	AGING	>1 YEAR	3.4 YRS,NOTE A	8	57	SEQ TEST	NONE
FLOOD LEVEL ELEV: 600' ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,R)

NOTES:

A) THIS VALVE HAS BEEN TESTED AND QUALIFIED FOR 4.4 YRS. IT IS REQUIRED TO OPERATE FOR 1 YEAR; THEREFORE, THE AGING QUALIFICATION HAS BEEN ADJUSTED TO 3.4 YEARS. SEE AGING PROGRAM DESCRIPTION.

33132
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR COOLANT	OPERATIONAL TIME	30 DAYS	NOTE A	41	NOTE A	NOTE A	NONE
PLANT ID NO: 33137	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: LB-83146	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: GAS ANAL. SAMP CNTMT ISOL. PRZR RLF TNK GAS SAMP SER. 1B SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL SV	RADIATION RADS	1.2E5	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: @CV-31260 GRID H.4/4.5/611 AUX BLDG SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (B)

NOTES:

A) QUALIFICATION DATA TO DEMONSTRATE COMPLETE ACCEPTABILITY OF THE SOLENOID'S NON-METALLIC COMPONENTS HAS NOT BEEN LOCATED TO DATE; REPLACEMENT SOLENOID VALVES HAVE BEEN ORDERED AND WILL BE INSTALLED WHEN RECEIVED (P.O.34247).
B) SEE AGING PROGRAM DESCRIPTION.

33137
RC

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: WASTE DISPOSAL	OPERATIONAL TIME	30 MINUTES	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33143	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: LB 83146	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CNTMT ISOL RC DRN PRES DSCH HDR SV 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL	RADIATION RADS	1.2E5	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: @CV-31135 GRID H.4/4.6/611 AUX BLDG SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (B)

NOTES:

A) QUALIFICATION DATA TO DEMONSTRATE COMPLETE ACCEPTABILITY OF THE SOLENOID'S NON-METALLIC COMPONENTS HAS NOT BEEN LOCATED TO DATE; REPLACEMENT SOLENOID VALVES HAVE BEEN ORDERED AND WILL BE INSTALLED WHEN RECEIVED (P.O.34247).
B) SEE AGING PROGRAM DESCRIPTION.

33143
WD-LIC

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: WASTE DISPOSAL	OPERATIONAL TIME	30 MINUTES	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33145	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: LB 83146	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38	N/A	N/A	NONE
FUNCTION: CNTMT ISOL RC DRN PMPS DSCH HDR SV 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL	RADIATION RADS	1.2E5	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: @CV-31136 GRID H.5/4.4/608 AUX BLDG SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (B)

NOTES:

A) QUALIFICATION DATA TO DEMONSTRATE COMPLETE ACCEPTABILITY OF THE SOLENOID'S NON-METALLIC COMPONENTS HAS NOT BEEN LOCATED TO DATE; REPLACEMENT SOLENOID VALVES HAVE BEEN ORDERED AND WILL BE INSTALLED WHEN RECEIVED (P.O.34247).
B) SEE AGING PROGRAM DESCRIPTION.

33145
WD-LIC

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: WASTE DISPOSAL	OPERATIONAL TIME	30 MINUTES	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33146	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: LB 83146	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CNTMT ISOL CNTMT SUMP PMPS DRN ISOL SV 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL	RADIATION RADS	1.2E5	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: @CV-31137 GRID H.4/4.4/608 AUX BLDG SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (R)

NOTES:

A) QUALIFICATION DATA TO DEMONSTRATE COMPLETE ACCEPTABILITY OF THE SOLENOID'S NON-METALLIC COMPONENTS HAS NOT BEEN LOCATED TO DATE; REPLACEMENT SOLENOID VALVES HAVE BEEN ORDERED AND WILL BE INSTALLED WHEN RECEIVED (P.O.34247).
B) SEE AGING PROGRAM DESCRIPTION.

33146
WD-LIC

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SECONDARY SAMP.	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33158	TEMPERATURE DEG. F.	293	NOTE A	1	NOTE A	NOTE A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	60.7	NOTE A	2,3	NOTE A	NOTE A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8302C4	RELATIVE HUMIDITY PCT	100%	NOTE A	2	NOTE A	NOTE A	NONE
FUNCTION: S/G 1A SAMPLING ISOL SV	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	NOTE A	4,5,118	NOTE A	NOTE A	NONE
SERVICE: VALVE CONTROL SV	RADIATION RADS	5E7 GAMMA 2E6 BETA	NOTE A	2,6,7,8	NOTE A	NOTE A	NONE
LOCATION: @CV-31334 GRID 6/75/611 RX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: 600' ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,R)

NOTES:

A) THE MOST PROBABLE FAILURE OF A SOLENOID VALVE IS A LOSS OF POWER DUE TO EITHER A SHORT OR OPEN IN THE COIL WHICH WILL CAUSE THE SOLENOID TO FAIL IN ITS SAFETY POSITION. SCHEDULED FOR REPLACEMENT WITH QUALIFIED SOLENOID VALVE (P.O.34247).

33158
SS

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SECONDARY SAMP.	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33159	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: IB 83146	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CNTMT ISOL S/G 1A SAMPLING STOP SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL SV	RADIATION RADS	1.2E5	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: @CV-31335 GRID JJW.0/4.5/611 AUX BLDG SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

A) THE MOST PROBABLE FAILURE OF A SOLENOID VALVE IS A LOSS OF POWER DUE TO EITHER A SHORT OR OPEN IN THE COIL WHICH WILL CAUSE THE SOLENOID TO FAIL IN ITS SAFETY POSITION. SCHEDULED FOR REPLACEMENT WITH QUALIFIED SOLENOID VALVE (P.O.34247).
B) SEE AGING PROGRAM DESCRIPTION.

33159
SS

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR COOLANT	OPERATIONAL TIME	30 MINUTES	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33170	TEMPERATURE DEG. F.	60-104	N/A	37,39	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,39	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: LB-83146	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,43	N/A	N/A	NONE
FUNCTION: PRZR RLF TNK RX MAKE UP WTR ISOL SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL SV	RADIATION RADS	1.2E5	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: @CV-31261 GRID H.5/4.5/607 AUX BLDG SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (R)

NOTES:

A) QUALIFICATION DATA TO DEMONSTRATE COMPLETE ACCEPTABILITY OF THE SOLENOID'S NON-METALLIC COMPONENTS HAS NOT BEEN LOCATED TO DATE; REPLACEMENT KITS WILL BE ORDERED TO REPLACE THE ELASTOMERS AND COILS WITH COMPONENTS OF THE SAME CONSTRUCTION AS THOSE FOUND IN THE NUCLEAR QUALIFIED SOLENOID VALVES.
B) SEE AGING PROGRAM DESCRIPTION.

33170
RC

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR COOLANT	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 33171	TEMPERATURE DEG. F.	60-104	N/A	37,39	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,39	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: IB-83146	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,43	N/A	N/A	NONE
FUNCTION: N2 SUPPLY CONT. ISOL	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL SV	RADIATION RADS	<1E5	N/A	119	N/A	SEP. TEST	NONE
LOCATION: H.9/2.5/617 GRID H.9/2.5/617 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33171
RC

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: MAIN STEAM	OPERATIONAL TIME	30 MINUTES	NOTE A	109	NOTE A	NOTE A	NONE
PLANT ID NO: 33177	TEMPERATURE DEG. F.	298	NOTE A	111	NOTE A	NOTE A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,39,111	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: WP-8015C21 S/N 21255B2	RELATIVE HUMIDITY PCT	100%	NOTE A	111	NOTE A	NOTE A	NONE
FUNCTION: MAIN STEAM HDR 1A ISOL VLV AIR RELEASE SV 1A7	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: @CV-31015 (MS1A) GRID M.5/5.1/622 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

HELP YES (T,H)

NOTES:

A) QUALIFICATION DATA TO DEMONSTRATE COMPLETE ACCEPTABILITY OF THE SOLENOID'S NON-METALLIC COMPONENTS HAS NOT BEEN LOCATED TO DATE; REPLACEMENT KITS WILL BE ORDERED TO REPLACE THE ELASTOMERS AND COILS WITH COMPONENTS OF THE SAME CONSTRUCTION AS THOSE FOUND IN THE NUCLEAR QUALIFIED SOLENOID VALVES.

33177
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MAIN STEAM	OPERATIONAL TIME	30 MINUTES	NOTE A	109	NOTE A	NOTE A	NONE
PLANT ID NO: 33178 R	TEMPERATURE DEG. F.	234	NOTE A	111	NOTE A	NOTE A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,39,111	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: WP-HT-8015B31	RELATIVE HUMIDITY PCT	100%	NOTE A	111	NOTE A	NOTE A	NONE
FUNCTION: MAIN STEAM HDR 1B ISOL VLV AIR SUPPLY SV 1B7	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: @CV-31016 (MS1B) GRID H.0/4.2/620 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: 616'6" ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

HELB YES (T,H)

NOTES:

A) QUALIFICATION DATA TO DEMONSTRATE COMPLETE ACCEPTABILITY OF THE SOLENOID'S NON-METALLIC COMPONENTS HAS NOT BEEN LOCATED TO DATE; REPLACEMENT KITS WILL BE ORDERED TO REPLACE THE ELASTOMERS AND COILS WITH COMPONENTS OF THE SAME CONSTRUCTION AS THOSE FOUND IN THE NUCLEAR QUALIFIED SOLENOID VALVES.

33178
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MAIN STEAM	OPERATIONAL TIME	30 MINUTES	NOTE A	109	NOTE A	NOTE A	NONE
PLANT ID NO: 33181	TEMPERATURE DEG. F.	298	NOTE A	111	NOTE A	NOTE A	NONE
COMPONENT: SOLENOID VALVE MANUFACTURER: ASCO	PRESSURE PSIA	13.7-15.7	N/A	37,39,111	N/A	N/A	NONE
MODEL NUMBER: WP-8015B31 S/N 21255B1	RELATIVE HUMIDITY PCT	100%	NOTE A	111	NOTE A	NOTE A	NONE
FUNCTION: MAIN STEAM HDR 1A ISOL VLV AIR SUPPLY SV 1A1	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: @CV-31015 (MS1A) GRID M.5/5.1/622 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB YES (T,R)

NOTES:

A) QUALIFICATION DATA TO DEMONSTRATE COMPLETE ACCEPTABILITY OF THE SOLENOID'S NON-METALLIC COMPONENTS HAS NOT BEEN LOCATED TO DATE; REPLACEMENT KITS WILL BE ORDERED TO REPLACE THE ELASTOMERS AND COILS WITH COMPONENTS OF THE SAME CONSTRUCTION AS THOSE FOUND IN THE NUCLEAR QUALIFIED SOLENOID VALVES.

33181
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL.	OUTSTANDING
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.	METHOD	ITEMS
SYSTEM: MAIN STEAM	OPERATIONAL TIME	30 MINUTES	NOTE A	109	NOTE A	NOTE A	NONE
PLANT ID NO: 33182 R	TEMPERATURE DEG. F.	234	NOTE A	111	NOTE A	NOTE A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,39,111	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: WP-HT-8015B31	RELATIVE HUMIDITY PCT	100%	NOTE A	111	NOTE A	NOTE A	NONE
FUNCTION: MAIN STEAM HDR 1B ISOL VLV AIR SUPPLY SV 1B1	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: @CV-31016 (MS1B) GRID H.0/4.2/620 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: 616'6" ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

HELB YES (T,H)

NOTES:

A) QUALIFICATION DATA TO DEMONSTRATE COMPLETE ACCEPTABILITY OF THE SOLENOID'S NON-METALLIC COMPONENTS HAS NOT BEEN LOCATED TO DATE; REPLACEMENT KITS WILL BE ORDERED TO REPLACE THE ELASTOMERS AND COILS WITH COMPONENTS OF THE SAME CONSTRUCTION AS THOSE FOUND IN THE NUCLEAR QUALIFIED SOLENOID VALVES.

33182
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MAIN STEAM	OPERATIONAL TIME	30 MINUTES	NOTE A	109	NOTE A	NOTE A	NONE
PLANT ID NO: 33183	TEMPERATURE DEG. F.	298	NOTE A	111	NOTE A	NOTE A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,39,111	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: WP-8015B31 S/N 21255B1	RELATIVE HUMIDITY PCT	100%	NOTE A	111	NOTE A	NOTE A	NONE
FUNCTION: MAIN STEAM HDR 1A ISOL VLV AIR SUPPLY SV 1A2	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: @CV-31015 (MS1A) GRID M.5/S.1/622 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HABSH:

HELB YES (T,H)

NOTES:

A) QUALIFICATION DATA TO DEMONSTRATE COMPLETE ACCEPTABILITY OF THE SOLENOID'S NON-METALLIC COMPONENTS HAS NOT BEEN LOCATED TO DATE; REPLACEMENT KITS WILL BE ORDERED TO REPLACE THE ELASTOMERS AND COILS WITH COMPONENTS OF THE SAME CONSTRUCTION AS THOSE FOUND IN THE NUCLEAR QUALIFIED SOLENOID VALVES.

33183
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MAIN STEAM	OPERATIONAL TIME	30 MINUTES	NOTE A	109	NOTE A	NOTE A	NONE
PLANT ID NO: 33184	TEMPERATURE DEG. F.	234	NOTE A	111	NOTE A	NOTE A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,39,111	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: WP-HT-8015B31	RELATIVE HUMIDITY PCT	100%	NOTE A	111	NOTE A	NOTE A	NONE
FUNCTION: MAIN STEAM HDR 1B ISCL VLV AIR SUPPLY SV 1B2	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: @CV-31016 (MS1B) GRID H.0/4.2/620 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: 616'6" ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

HELB YES (T,H)

NOTES:

A) QUALIFICATION DATA TO DEMONSTRATE COMPLETE ACCEPTABILITY OF THE SOLENOID'S NON-METALLIC COMPONENTS HAS NOT BEEN LOCATED TO DATE; REPLACEMENT KITS WILL BE ORDERED TO REPLACE THE ELASTOMERS AND COILS WITH COMPONENTS OF THE SAME CONSTRUCTION AS THOSE FOUND IN THE NUCLEAR QUALIFIED SCIENCID VALVES.

33184
MS

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MAIN STEAM	OPERATIONAL TIME	30 MINUTES	NOTE A	109	NOTE A	NOTE A	NONE
PLANT ID NO: 33185	TEMPERATURE DEG. F.	298	NOTE A	111	NOTE A	NOTE A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,39,111	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: WP-8015C21	RELATIVE HUMIDITY PCT	100%	NOTE A	111	NOTE A	NOTE A	NONE
S/N 2125582							
FUNCTION: MAIN STEAM HDR 1A ISOL VLV AIR RELEASE SV 1A6	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: @CV-31015 (MS1A) GRID M.5/5.1/622 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB YES (T,H)

NOTES:

A) QUALIFICATION DATA TO DEMONSTRATE COMPLETE ACCEPTABILITY OF THE SOLENOID'S NON-METALLIC COMPONENTS HAS NOT BEEN LOCATED TO DATE; REPLACEMENT KITS WILL BE ORDERED TO REPLACE THE ELASTOMERS AND COILS WITH COMPONENTS OF THE SAME CONSTRUCTION AS THOSE FOUND IN THE NUCLEAR QUALIFIED SOLENOID VALVES.

33185
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MAIN STEAM	OPERATIONAL TIME	30 MINUTES	NOTE A	109	NOTE A	NOTE A	NONE
PLANT ID NO: 33186	TEMPERATURE DEG. F.	234	NOTE A	111	NOTE A	NOTE A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,39,111	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: WP-HT-8015D21	RELATIVE HUMIDITY PCT	100%	NOTE A	111	NOTE A	NOTE A	NONE
FUNCTION: MAIN STEAM HDR 1B ISOL VLV AIR RELEASE SV 1B6	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: @CV-31016 (MS1B) GRID H.0/4.2/620 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: 616'6" ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

HELB YES (T,H)

NOTES:

A) QUALIFICATION DATA TO DEMONSTRATE COMPLETE ACCEPTABILITY OF THE SOLENOID'S NON-METALLIC COMPONENTS HAS NOT BEEN LOCATED TO DATE; REPLACEMENT KITS WILL BE ORDERED TO REPLACE THE ELASTOMERS AND COILS WITH COMPONENTS OF THE SAME CONSTRUCTION AS THOSE FOUND IN THE NUCLEAR QUALIFIED SOLENOID VALVES.

33186
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SAFETY INJECTION	OPERATIONAL TIME	30 MINUTES	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33192	TEMPERATURE DEG. F.	115	N/A	37,39	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,39	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: LB-831654	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,43	N/A	N/A	NONE
FUNCTION: ACCUM. 1A/1B N2 SUPPLY CNTMT. ISO. (31253)	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL SV	RADIATION RADS	1.2E5	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: GRID JJ.2/2.8/626 AUX BLDG	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,B)

NOTES:

A) QUALIFICATION DATA TO DEMONSTRATE COMPLETE ACCEPTABILITY OF THE SOLENOID'S NON-METALLIC COMPONENTS HAS NOT BEEN LOCATED TO DATE; REPLACEMENT KITS WILL BE ORDERED TO REPLACE THE ELASTOMERS AND COILS WITH COMPONENTS OF THE SAME CONSTRUCTION AS THOSE FOUND IN THE NUCLEAR QUALIFIED SOLENOID VALVES.
B) SEE AGING PROGRAM DESCRIPTION.

33192
SI

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: CHEMICAL & VOL. CONTROL	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33193	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 831654	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: LTDN FLOW LTDN HT E XGR ISOL SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTAINMENT ISOLATION	RADIATION RADS	1.6E7	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: @CV-31234 GRID J.7/5.9/621 AUX BLDG SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (B)

NOTES:

A) QUALIFICATION DATA TO DEMONSTRATE COMPLETE ACCEPTABILITY OF THE SOLENOID'S NON-METALLIC COMPONENTS HAS NOT BEEN LOCATED TO DATE; REPLACEMENT KITS WILL BE ORDERED TO REPLACE THE ELASTOMERS AND COILS WITH COMPONENTS OF THE SAME CONSTRUCTION AS THOSE FOUND IN THE NUCLEAR QUALIFIED SOLENOID VALVES.
B) SEE AGING PROGRAM DESCRIPTION.

33193
CVC

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: CHEMICAL & VOL. CONTROL	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33199	TEMPERATURE DEG. F.	293	NOTE A	1	NOTE A	NOTE A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	60.7	NOTE A	2,3	NOTE A	NOTE A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 831654	RELATIVE HUMIDITY PCT	100%	NOTE A	2	NOTE A	NOTE A	NONE
FUNCTION: REG HT EXGR OUTL LTDN ORIF STOP SV 1A	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	NOTE A	4,5,118	NOTE A	NOTE A	NONE
SERVICE: CONTAINMENT ISOLATION	RADIATION RADS	5E7 GAMMA 2E6 BETA	NOTE A	2,6,7,8	NOTE A	NOTE A	NONE
LOCATION: @CV-31231 GRID 7/320/596 RX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: 600' ABOVE FLOOD LEVEL: NO	SUBMERGENCE	REQUIRED	NOTE A	9	NOTE A	NOTE A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

BARSH:

LOCA YES (T,P,H,CS,R,S)

NOTES:

A) SUBMERGENCE COULD CAUSE THE SOLENOID VALVE (33199) TO FAIL TO "VENT" POSITION, THEREFORE CAUSING THE ASSOCIATED CONTROL VALVE (CV-31231) TO FAIL CLOSED WHICH IS THE DESIGN POSITION FOR THE ACCIDENT. SCHEDULED FOR REPLACEMENT WITH QUALIFIED SOLENOID VALVE (P.O.34247).

33199
CVC

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: CHEMICAL & VOL. CONTROL	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33200	TEMPERATUBE DEG. F.	293	NOTE A	1	NOTE A	NOTE A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	60.7	NOTE A	2,3	NOTE A	NOTE A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 831654	RELATIVE HUMIDITY PCT	100%	NOTE A	2	NOTE A	NOTE A	NONE
FUNCTION: REG HT EXGR OUTL LTDN ORIF STOP SV 1B	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	NOTE A	4,5,118	NOTE A	NOTE A	NONE
SERVICE: CONTAINMENT ISOLATION	RADIATION RADS	5E7 GAMMA 2E6 BETA	NOTE A >2E6 BETA	2,6,7,8	NOTE A	NOTE A	NONE
LOCATION: @CV-31232 GRID 9/320/596 RX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: 600' ABOVE FLOOD LEVEL: NO	SUBMERGENCE	REQUIRED	NOTE A	9	NOTE A	NOTE A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,R,S)

NOTES:

A) SUBMERGENCE WILL CAUSE THE SOLENOID VALVE (33200) TO FAIL TO "VENT" POSITION, THEREFORE CAUSING THE ASSOCIATED CONTROL VALVE (CV-31232) TO FAIL CLOSED WHICH IS THE DESIGN POSITION FOR THE ACCIDENT. SCHEDULED FOR REPLACEMENT WITH QUALIFIED SOLENOID VALVE (P.O.34247).
B) SEE AGING PROGRAM DESCRIPTION.

33200
CVC

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: CHEMICAL & VOL. CONTROL	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33201	TEMPERATURE DEG. F.	293	NOTE A	1	NOTE A	NOTE A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	60.7	NOTE A	2,3	NOTE A	NOTE A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 831654	RELATIVE HUMIDITY PCT	100%	NOTE A	2	NOTE A	NOTE A	NONE
FUNCTION: REG HT EXGR OUTLT LTDN ORIF STOP SV 1A	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	NOTE A	4,5,118	NOTE A	NOTE A	NONE
SERVICE: CONTAINMENT ISOLATION	RADIATION RADS	5E7 GAMMA 2E6 BETA	NOTE A >2E6 BETA	2,6,7,8	NOTE A	NOTE A	NONE
LOCATION: @CV-31233 GRID 11/320/596 RX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: 600' ABOVE FLOOD LEVEL: NO	SUBMERGENCE	REQUIRED	NOTE A	9	NOTE A	NOTE A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,R,S)

NOTES:

A) SUBMERGENCE WILL CAUSE THE SOLENOID VALVE (33201) TO FAIL TO "VENT" POSITION, THEREFORE CAUSING THE ASSOCIATED CONTROL VALVE (CV-31233) TO FAIL CLOSED WHICH IS THE DESIGN POSITION FOR THE ACCIDENT. SCHEDULED FOR REPLACEMENT WITH QUALIFIED SOLENOID VALVE (P.O.34247).
B) SEE AGING PROGRAM DESCRIPTION.

33201
CVC

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: WASTE DISPOSAL	OPERATIONAL TIME	30 MINUTES	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33244	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: ET8320A101	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CNTMT ISOL RC DRN TNK TO GAS ANZR SV 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL	RADIATION RADS	1.2E5	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: @CV-31216 GRID H.7/4.6/611 AUX BLDG SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:

LOCA YES (R)

NOTES:

A) QUALIFICATION DATA TO DEMONSTRATE COMPLETE ACCEPTABILITY OF THE SOLENOID'S NON-METALLIC COMPONENTS HAS NOT BEEN LOCATED TO DATE; REPLACEMENT KITS WILL BE ORDERED TO REPLACE THE ELASTOMERS AND COILS WITH COMPONENTS OF THE SAME CONSTRUCTION AS THOSE FOUND IN THE NUCLEAR QUALIFIED SOLENOID VALVES.
B) SEE AGING PROGRAM DESCRIPTION.

33244
WD-LIQ

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: WASTE DISPOSAL	OPERATIONAL TIME	30 MINUTES	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33245	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: FT8320A101	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CNTMT ISOL RC DRN TNK TO GAS ANZR SV 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL	RADIATION RADS	1.2E5	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: @CV-31217 GRID H.6/4.6/611 AUX BLDG SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (B)

NOTES:

A) QUALIFICATION DATA TO DEMONSTRATE COMPLETE ACCEPTABILITY OF THE SOLENOID'S NON-METALLIC COMPONENTS HAS NOT BEEN LOCATED TO DATE; REPLACEMENT KITS WILL BE ORDERED TO REPLACE THE ELASTOMERS AND COILS WITH COMPONENTS OF THE SAME CONSTRUCTION AS THOSE FOUND IN THE NUCLEAR QUALIFIED SOLENOID VALVES.
B) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	1 YEAR	NOTE A	41	NOTE A	NOTE A	NONE
PLANT ID NO: 33248	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: HTX8302C26F	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: INST. AIR VLV IA 101	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	5.5E5	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: @CV-31309 GRID HW.3/5.3/637 AUX BLDG SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

A) QUALIFICATION DATA TO DEMONSTRATE COMPLETE ACCEPTABILITY OF THE SOLENOID'S NON-METALLIC COMPONENTS HAS NOT BEEN LOCATED TO DATE; REPLACEMENT KITS WILL BE ORDERED TO REPLACE THE ELASTOMERS AND COILS WITH COMPONENTS OF THE SAME CONSTRUCTION AS THOSE FOUND IN THE NUCLEAR QUALIFIED SOLENOID VALVES.
B) SEE AGING PROGRAM DESCRIPTION.

449110101A
ASP

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: PRIMARY SAMPLING	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33274	TEMPERATURE DEG. F.	293	NOTE A	1	NOTE A	NOTE A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	60.7	NOTE A	2,3	NOTE A	NOTE A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8316B54	RELATIVE HUMIDITY PCT	100%	NOTE A	2	NOTE A	NOTE A	NONE
FUNCTION: CNTMT. ISOL. PRZR STM SAMPLING ISOL CV SV	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	NOTE A	4,5,118	NOTE A	NOTE A	NONE
SERVICE: VALVE CONTROL SV	RADIATION RADS	5E7 GAMMA 2E6 BETA	NOTE A >2E6 BETA	2,6,7,8	NOTE A	NOTE A	NONE
LOCATION: @CV-31263 GRID 17/105/646 RX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,B)

NOTES:

A) THE MOST PROBABLE FAILURE OF A SOLENOID VALVE IS A LOSS OF POWER DUE TO EITHER A SHORT OR OPEN IN THE COIL WHICH WILL CAUSE THE SOLENOID TO FAIL IN A SAFETY POSITION. SCHEDULED FOR REPLACEMENT WITH QUALIFIED SOLENOID VALVE (P.O.34247).

33274
PS

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: TURBINE BUILDING VENT	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 33287	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8211C32B	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: TB FAN COIL UNIT 1A CLG WTR SV (FOR 1-201)	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 111,119	N/A N/A	N/A N/A	NONE
LOCATION: GRID C.2/8.8/590 TURB BLDG	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

33287
TBV

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: TURBINE BUILDING VENT	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 33288	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8211C32B	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: TB FAN COIL UNIT 1B CLG WTR SV (FOR 1-211)	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 111,119	N/A N/A	N/A N/A	NONE
LOCATION: GRID F.9/8.8/590 TURB BLDG BSMT	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:

LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION

33288
TBV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR BUILDING VENTILATION	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33291	TEMPERATURE DEG. F.	160	NOTE A	53	NOTE A	NOTE A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	53	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8302C26	RELATIVE HUMIDITY PCT	100%	NOTE A	53	NOTE A	NOTE A	NONE
FUNCTION: CONTAINMENT VACUUM BREAKER CV1A SV (31337)	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL	RADIATION RADS	6.5E6	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: GRID 147/2.0/670 RX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,B,B)

NOTES:

A) QUALIFICATION DATA TO DEMONSTRATE COMPLETE ACCEPTABILITY OF THE SOLENOID'S NON-METALLIC COMPONENTS HAS NOT BEEN LOCATED TO DATE; REPLACEMENT KITS WILL BE ORDERED TO REPLACE THE ELASTOMERS AND COILS WITH COMPONENTS OF THE SAME CONSTRUCTION AS THOSE FOUND IN THE NUCLEAR QUALIFIED SOLENOID VALVES.

33291
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR BUILDING VENTILATION	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33292	TEMPERATURE DEG. F.	160	NOTE A	53	NOTE A	NOTE A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	53	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8302C26	RELATIVE HUMIDITY PCT	100%	NOTE A	53	NOTE A	NOTE A	NONE
FUNCTION: CONTAINMENT VACUUM BREAKER CV1E SV (31338)	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL	RADIATION RADS	6.5E6	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: GRID 75/2.0/6470 RX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,H,R)

NOTES:

A) QUALIFICATION DATA TO DEMONSTRATE COMPLETE ACCEPTABILITY OF THE SOLENOID'S NON-METALLIC COMPONENTS HAS NOT BEEN LOCATED TO DATE; REPLACEMENT KITS WILL BE ORDERED TO REPLACE THE ELASTOMERS AND COILS WITH COMPONENTS OF THE SAME CONSTRUCTION AS THOSE FOUND IN THE NUCLEAR QUALIFIED SOLENOID VALVES.

33292
BBV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. VENT	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 33302	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8211C32B	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: EASEMENT FAN COIL UNIT 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SERVICE WATER INLET	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID G.1/4.8/590 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33302
ABV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. VENT	OPERATIONAL TIME	1 YEAR	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33303	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8211C32B	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RHR PUMP PIT FAN COIL UNIT 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SERVICE WATER INLET	RADIATION RADS	3E7	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: GRID J.4/6.6/575 AUX BLDG	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (R)

NOTES:

A) THERE IS NO ENVIRONMENTALLY INDUCED MECHANISM THAT CAN CAUSE FAILURE TO DE-ENERGIZE OR SPURIOUS RE-ENERGIZATION OF THE SOLENOID VALVE'S COIL AND SUBSEQUENT FAILURE TO OPEN OR SPURIOUS CLOSURE OF THE SERVICE WATER VALVE. THEREFORE, ENVIRONMENTAL QUALIFICATION OF FAN COIL SOLENOID VALVES IS NOT REQUIRED TO COMPLY WITH NRC BULLETIN 79-01B.
B) SEE AGING PROGRAM DESCRIPTION.

33303
ABV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. VENT	OPERATIONAL TIME	1 YEAR	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33304	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8211C32E	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RHR PUMP PIT FAN COIL UNIT 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SERVICE WATER INLET	RADIATION RADS	3E7	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: GRID J.9/6.6/575 AUX BLDG	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (R)

NOTES:

A) THERE IS NO ENVIRONMENTALLY INDUCED MECHANISM THAT CAN CAUSE FAILURE TO DE-ENERGIZE OR SPURIOUS RE-ENERGIZATION OF THE SOLENOID VALVE'S COIL AND SUBSEQUENT FAILURE TO OPEN OR SPURIOUS CLOSURE OF THE SERVICE WATER VALVE. THEREFORE, ENVIRONMENTAL QUALIFICATION OF FAN COIL SOLENOID VALVES IS NOT REQUIRED TO COMPLY WITH NRC BULLETIN 79-01B.
B) SEE AGING PROGRAM DESCRIPTION.

33304
ABV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. VENT	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 33307	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8211C32B	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: MEZZANINE FAN COIL UNIT 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SERVICE WATER INLET	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID H.8/8.3/610 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33307
ABV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. VENT	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 33308	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8211C32B	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: MEZZANINE FAN COIL UNIT 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SERVICE WATER INLET	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID H.8/8.6/610 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33308
ABV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL.	OUTSTANDING
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.	METHOD	ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	NOTE A	2	NOTE A	NOTE A	NONE
PLANT ID NO: 33309	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8210C22 S/N 75966S	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: AUX. BLDG. ZONE SV EXH. FILTER 1A DELUGE SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	3.2E6	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: GRID GW.4/7.5/660 AUX BLDG SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:

LOCA YES (R)

NOTES:

A) THE MOST PROBABLE FAILURE OF A SOLENOID VALVE IS A LOSS OF POWER DUE TO EITHER A SHORT OR OPEN IN THE COIL WHICH WILL CAUSE THE SOLENOID TO FAIL IN ITS SAFETY POSITION. TO BE REPLACED WITH QUALIFIED MODEL (P.O.34247).
B) SEE AGING PROGRAM DESCRIPTION.

33309
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL.	OUTSTANDING
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.	METHOD	ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	NOTE A	2	NOTE A	NOTE A	NONE
PLANT ID NO: 33310	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8210C-22	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: AUX. BLDG. ZONE SV EXH. FILTER 1B DELUGE SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	3.2E6	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: GRID GW.4/6.4/665 AUX BLDG SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (B)

NOTES:

A) THE MOST PROBABLE FAILURE OF A SOLENOID VALVE IS A LOSS OF POWER DUE TO EITHER A SHORT OR OPEN IN THE COIL WHICH WILL CAUSE THE SOLENOID TO FAIL IN ITS SAFETY POSITION. TO BE REPLACED WITH QUALIFIED MODEL (P.O.34247).
B) SEE AGING PROGRAM DESCRIPTION.

33310
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SHIELD BUILDING VENTILATION	OPERATIONAL TIME	1 YEAR	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33311	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8210C8 S/N 745975	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SPRAY WATER SBV FILTER ASS'Y 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: FILTER DELUGE	RADIATION RADS	1.2E6	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: GRID GW.0/4.3/665 AUX BLDG SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (R)

NOTES:

A) THE MOST PROBABLE FAILURE OF A SOLENOID VALVE IS A LOSS OF POWER DUE TO EITHER A SHORT OR OPEN IN THE COIL WHICH WILL CAUSE THE SOLENOID TO FAIL IN ITS SAFETY POSITION. TO BE REPLACED WITH QUALIFIED MODEL (P.O.34247).
B) SEE AGING PROGRAM DESCRIPTION.

33311
SBV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SHIELD BUILDING VENTILATION	OPERATIONAL TIME	1 YEAR	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33312	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8210-C8	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SPRAY WATER SBV FILTER ASSY 1B SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: FILTER DELUGE	RADIATION RADS	1.2E6	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: GRID GW.0/3.5/665 AUX BLDG SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (B)

NOTES:

A) THE MOST PROBABLE FAILURE OF A SOLENOID VALVE IS A LOSS OF POWER DUE TO EITHER A SHORT OR OPEN IN THE COIL WHICH WILL CAUSE THE SOLENOID TO FAIL IN ITS SAFETY POSITION. TO BE REPLACED WITH QUALIFIED MODEL (P.O.34247).
B) SEE AGING PROGRAM DESCRIPTION.

33312
SBV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: AUX. BLDG. VENT	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 33313	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8211C32B	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SW TO AUX BLDG BSMT FAN COIL UNIT 1A SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SERVICE WATER INLET	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID G.1/4.6/590 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33313
ABV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. FEEDWATER	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 33323	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: AFW PUMP FLOW CV SV	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 832318	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: AUX FW PMP 1A DISCH SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PROVIDE EMERGENCY FEEDWATER	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 111,119	N/A N/A	N/A N/A	NONE
LOCATION: @CV-31315 GRID E.8/8.8/594 TURB BLDG	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

33323
AFW

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. FEEDWATER	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 33324	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: AFW PUMP FLOW CV SV MANUFACTURER: ASCO	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MODEL NUMBER: 832318	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: AUX FW PMP 1B DSCH SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PROVIDE EMERGENCY FEEDWATER	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: @CV-31316 GRID F.6/8.8/594 TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33324
AFW

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: PRIMARY SAMPLING	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33325	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8302C26	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CNTMT. ISOL. PRZR STM SAMPLING STOP CV SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL SV	RADIATION RADS	1.2E5	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: @CV-31267 GRID H.5/4.6/646 AUX BLDG SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (B)

NOTES:

A) QUALIFICATION DATA TO DEMONSTRATE COMPLETE ACCEPTABILITY OF THE SOLENOID'S NON-METALLIC COMPONENTS HAS NOT BEEN LOCATED TO DATE; REPLACEMENT KITS WILL BE ORDERED TO REPLACE THE ELASTOMERS AND COILS WITH COMPONENTS OF THE SAME CONSTRUCTION AS THOSE FOUND IN THE NUCLEAR QUALIFIED SOLENOID VALVES.
B) SEE AGING PROGRAM DESCRIPTION.

33325
PS

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: PRIMARY SAMPLING	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33326	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: HTX8302C26F	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CNTMT. ISOL. PRZR LIQ SAMPLING STOP CV SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL SV	RADIATION RADS	1.2E5	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: @CV-31268 GRID H.5/4.6/646 AUX BLDG SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (R)

NOTES:

A) QUALIFICATION DATA TO DEMONSTRATE COMPLETE ACCEPTABILITY OF THE SOLENOID'S NON-METALLIC COMPONENTS HAS NOT BEEN LOCATED TO DATE; REPLACEMENT KITS WILL BE ORDERED TO REPLACE THE ELASTOMERS AND COILS WITH COMPONENTS OF THE SAME CONSTRUCTION AS THOSE FOUND IN THE NUCLEAR QUALIFIED SOLENOID VALVES.
B) SEE AGING PROGRAM DESCRIPTION.

33326
PS

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: RESIDUAL HEAT REMOVAL	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33330	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: HTX8302B26F	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RHR PMP 1A PIT CV SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL SV	RADIATION RADS	3E7	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: @CV-31341 GRID J.5/6.4/568 AUX BLDG	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (R)

NOTES:

A) QUALIFICATION DATA TO DEMONSTRATE COMPLETE ACCEPTABILITY OF THE SOLENOID'S NON-METALLIC COMPONENTS HAS NOT BEEN LOCATED TO DATE; REPLACEMENT KITS WILL BE ORDERED TO REPLACE THE ELASTOMERS AND COILS WITH COMPONENTS OF THE SAME CONSTRUCTION AS THOSE FOUND IN THE NUCLEAR QUALIFIED SOLENOID VALVES.
B) SEE AGING PROGRAM DESCRIPTION.

33330
RHR

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: RESIDUAL HEAT REMOVAL	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33331	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: HTX8302B26F	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RHR PMP 1B PIT CV SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL SV	RADIATION RADS	3E7	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: @CV-31342 GRID J.5/6.4/568 AUX BLDG	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (R)

NOTES:

A) QUALIFICATION DATA TO DEMONSTRATE COMPLETE ACCEPTABILITY OF THE SOLENOID'S NON-METALLIC COMPONENTS HAS NOT BEEN LOCATED TO DATE; REPLACEMENT KITS WILL BE ORDERED TO REPLACE THE ELASTOMERS AND COILS WITH COMPONENTS OF THE SAME CONSTRUCTION AS THOSE FOUND IN THE NUCLEAR QUALIFIED SOLENOID VALVES.
B) SEE AGING PROGRAM DESCRIPTION.

33331
RHR

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: CR-HVAC	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 33353	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8210C-4	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: POST ACC HCBC FILTER 1A DELUGE SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: FILTER DELUGE	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID G.5/8.0/642 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION

33353
CRM-HVAC

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: CR-HVAC	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 33354	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	N/A	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8210C-4	RELATIVE HUMIDITY PCT	10-40%	N/A	N/A	N/A	N/A	NONE
FUNCTION: POST ACC RCRC FILTER 1B DELUGE SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: FILTER DELUGE	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID G.3/7.9/642 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION

33354
CRM-HVAC

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: TURBINE BUILDING VENT	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 33371	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8211C32B	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: W/115 VAC, 60 HZ CLASS H COIL (FOR 1-667)	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: BATTERY RM FAN COIL UNIT 1A SV	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID E.4/8.9/617 TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION

33371
TBV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: TURBINE BUILDING VENT	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 33372	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8211C32B	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: W/115 VAC, 60 HZ CLASS H COIL (FOR 1-668)	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: BATTERY RM FAN COIL UNIT 1B SV	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID F.8/8.9/617 TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION

33372
TBV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: INTERNAL CONTAINMENT SPRAY	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33378	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: HTX8302C26F S/N 11545B	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ICS SPRAY CAUSTIC ADD CV 1A SV (31393)	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL SV	RADIATION RADS	5.6E6	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: GRID GW.4/5.2/587 AUX BLDG SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (R)

NOTES:

A) THE MOST PROBABLE FAILURE OF A SOLENOID VALVE IS A LOSS OF POWER DUE TO EITHER A SHORT OR OPEN IN THE COIL WHICH WILL CAUSE THE SOLENOID TO FAIL IN ITS SAFETY POSITION. TO BE REPLACED WITH QUALIFIED MODEL (E.G.34247).
B) SEE AGING PROGRAM DESCRIPTION.

33378
ICS

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: INTERNAL CONTAINMENT SPRAY	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33379	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: HTX8302C26F S/N 11545B	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ICS SPRAY CAUSTIC ADD CV 1B SV (31394)	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL SV	RADIATION RADS	5.6E6	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: GRID GW.4/5.2/587 AUX BLDG SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (R)

NOTES:

A) THE MOST PROBABLE FAILURE OF A SOLENOID VALVE IS A LOSS OF POWER DUE TO EITHER A SHORT OR OPEN IN THE COIL WHICH WILL CAUSE THE SOLENOID TO FAIL IN ITS SAFETY POSITION. TO BE REPLACED WITH QUALIFIED MODEL (P.O.34247).
B) SEE AGING PROGRAM DESCRIPTION.

33379
ICS

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: REACTOR BUILDING VENTILATION	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33385	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	NOTE A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8302C26F	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CONTAINMENT AIR SAMPLE ISOL. CV (31383)	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL	RADIATION RADS	1.2E5	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: GRID H.5/4.8/646 AUX BLDG SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (R)

NOTES:

A) QUALIFICATION DATA TO DEMONSTRATE COMPLETE ACCEPTABILITY OF THE SOLENOID'S NON-METALLIC COMPONENTS HAS NOT BEEN LOCATED TO DATE; REPLACEMENT KITS WILL BE ORDERED TO REPLACE THE ELASTOMERS AND COILS WITH COMPONENTS OF THE SAME CONSTRUCTION AS THOSE FOUND IN THE NUCLEAR QUALIFIED SOLENOID VALVES.
B) SEE AGING PROGRAM DESCRIPTION.

33385
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR BUILDING VENTILATION	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33386	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8302C26F	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CONTAINMENT AIR SAMPLE ISOL. CV (31384)	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL	RADIATION RADS	1.2E5	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: GRID H.5/4.8/646 AUX BLDG SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

A) QUALIFICATION DATA TO DEMONSTRATE COMPLETE ACCEPTABILITY OF THE SOLENOID'S NON-METALLIC COMPONENTS HAS NOT BEEN LOCATED TO DATE; REPLACEMENT KITS WILL BE ORDERED TO REPLACE THE ELASTOMERS AND COILS WITH COMPONENTS OF THE SAME CONSTRUCTION AS THOSE FOUND IN THE NUCLEAR QUALIFIED SOLENOID VALVES.
B) SEE AGING PROGRAM DESCRIPTION.

33386
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: REACTOR BUILDING VENTILATION	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33387	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8302C26F	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CONTAINMENT AIR SAMPLE ISOL. CV (31385)	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE CONTROL	RADIATION RADS	1.2E5	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: GRID H.5/4.8/646 AUX BLDG SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (B)

NOTES:

A) QUALIFICATION DATA TO DEMONSTRATE COMPLETE ACCEPTABILITY OF THE SOLENOID'S NON-METALLIC COMPONENTS HAS NOT BEEN LOCATED TO DATE; REPLACEMENT KITS WILL BE ORDERED TO REPLACE THE ELASTOMERS AND COILS WITH COMPONENTS OF THE SAME CONSTRUCTION AS THOSE FOUND IN THE NUCLEAR QUALIFIED SOLENOID VALVES.
B) SEE AGING PROGRAM DESCRIPTION.

33387
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 33416	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8302C4	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ZONE SV DAMPER 1B TRAIN B SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: @CV-34018 GRID GW.1/6.7/654 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33416
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL.	OUTSTANDING
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.	METHOD	ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 33417	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8302C4	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ZONE SV BOUNDARY DAMPER 1A TRAIN B SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: @CV-34019 GRID H.1/9S.9/629 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33417
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	NOTE A	2	NOTE A	NOTE A	NONE
PLANT ID NO: 33418	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8302C4	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ASV BOUNDARY DAMPER 1B TRAIN B SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	4.1E5	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: @CD-34020 GRID GW.8/8.8/668 AUX BLDG SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

A) THERE IS NO ENVIRONMENTALLY INDUCED MECHANISM THAT CAN CAUSE FAILURE TO DE-ENERGIZE OR SPURIOUS RE-ENERGIZATION OF THE SOLENOID VALVE'S COIL AND SUBSEQUENT FAILURE TO CLOSE OR SPURIOUS REOPENING OF THE ASSOCIATED BOUNDARY DAMPER. THEREFORE, E.Q. OF THE ZONE SV ISOL AND STEAM EXCL BOUNDARY DAMPER SV IS NOT REQ'D TO COMPLY WITH NRC BULLETIN 79-01B.
B) SEE AGING PROGRAM DESCRIPTION.

33418
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL.	OUTSTANDING
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.	METHOD	ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 33419	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8302C4	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ASV BOUNDARY DAMPER 1C TRAIN B SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER OPERATOR	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: @CD-34021 GRID G.3/7.2/665 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33419
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 33420	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8302C4	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ASV BOUNDARY DAMPER 1D TRAIN B SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER OPERATOR	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: @CD-34022 GRID G.3/8.1/665 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33420
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	NOTE A	2	NOTE A	NOTE A	NONE
PLANT ID NO: 33421	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8302C4	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ASV BOUNDARY DAMPERS 1L TRAIN B SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER OPERATOR	RADIATION RADS	4.1E5	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: @CD-34025 GRID G.5/6.9/665 AUX BLDG SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (R)

NOTES:

A) THERE IS NO ENVIRONMENTALLY INDUCED MECHANISM THAT CAN CAUSE FAILURE TO DE-ENERGIZE OR SPURIOUS RE-ENERGIZATION OF THE SOLENOID VALVE'S COIL AND SUBSEQUENT FAILURE TO CLOSE OR SPURIOUS REOPENING OF THE ASSOCIATED BOUNDARY DAMPER. THEREFORE, E.Q. OF THE ZONE SV ISOL AND STEAM EXCL BOUNDARY DAMPER SV IS NOT REQ'D TO COMPLY WITH NRC BULLETIN 79-01B.
B) SEE AGING PROGRAM DESCRIPTION.

33421
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	NOTE A	2	NOTE A	NOTE A	NONE
PLANT ID NO: 33422	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8302C4	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ASV BOUNDARY DAMPER 1G TRAIN B SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER OPERATOR	RADIATION RADS	3.2E6	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: @CD-34026 GRID GW.9/7.9/667 AUX BLDG SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (B)

NOTES:

A) THERE IS NO ENVIRONMENTALLY INDUCED MECHANISM THAT CAN CAUSE FAILURE TO DE-ENERGIZE OR SPURIOUS RE-ENERGIZATION OF THE SOLENOID VALVE'S COIL AND SUBSEQUENT FAILURE TO CLOSE OR SPURIOUS REOPENING OF THE ASSOCIATED BOUNDARY DAMPER. THEREFORE, E.Q. OF THE ZONE SV ISOL AND STEAM EXCL BOUNDARY DAMPER SV IS NOT REQ'D TO COMPLY WITH NRC BULLETIN 79-01B.
B) SEE AGING PROGRAM DESCRIPTION.

33422
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	NOTE A	2	NOTE A	NOTE A	NONE
PLANT ID NO: 33425	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8302C4	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ASV BOUNDARY DAMPER 1M TRAIN B SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER OPERATOR	RADIATION RADS	1.4E5	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: @CD-34046 GRID G.1/4.7/644 AUX BLDG SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (R)

NOTES:

A) THERE IS NO ENVIRONMENTALLY INDUCED MECHANISM THAT CAN CAUSE FAILURE TO DE-ENERGIZE OR SPURIOUS RE-ENERGIZATION OF THE SOLENOID VALVE'S COIL AND SUBSEQUENT FAILURE TO CLOSE OR SPURIOUS REOPENING OF THE ASSOCIATED BOUNDARY DAMPER. THEREFORE, E.Q. OF THE ZONE SV ISOL AND STEAM EXCL BOUNDARY DAMPER SV IS NOT REQ'D TO COMPLY WITH NRC BULLETIN 79-01B.
B) SEE AGING PROGRAM DESCRIPTION.

33425
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	NOTE A	2	NOTE A	NOTE A	NONE
PLANT ID NO: 33426	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8302C4	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ASV BOUNDARY DAMPER IN TRAIN B SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER OPERATOR	RADIATION RADS	1.4E5	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: @CD-34047 GRID G.2/4.8/644 AUX BLDG SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (R)

NOTES:

A) THERE IS NO ENVIRONMENTALLY INDUCED MECHANISM THAT CAN CAUSE FAILURE TO DE-ENERGIZE OR SPURIOUS RE-ENERGIZATION OF THE SOLENOID VALVE'S COIL AND SUBSEQUENT FAILURE TO CLOSE OR SPURIOUS REOPENING OF THE ASSOCIATED BOUNDARY DAMPER. THEREFORE, E.Q. OF THE ZONE SV ISOL AND STEAM EXCL BOUNDARY DAMPER SV IS NOT REQ'D TO COMPLY WITH NRC BULLETIN 79-01B.
B) SEE AGING PROGRAM DESCRIPTION.

33426
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	NOTE A	2	NOTE A	NOTE A	NONE
PLANT ID NO: 33427	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8302C4F	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ZONE SV BOUNDARY DAMPER 1P TRAIN B SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER OPERATOR	RADIATION RADS	3.2E6	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: @CD-34049 GRID G.3/2.0/658 AUX. BLDG. SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (B)

NOTES:

A) THERE IS NO ENVIRONMENTALLY INDUCED MECHANISM THAT CAN CAUSE FAILURE TO DE-ENERGIZE OR SPURIOUS RE-ENERGIZATION OF THE SOLENOID VALVE'S COIL AND SUBSEQUENT FAILURE TO CLOSE OR SPURIOUS REOPENING OF THE ASSOCIATED BOUNDARY DAMPER. THEREFORE, E.Q. OF THE ZONE SV ISOL AND STEAM EXCL BOUNDARY DAMPER SV IS NOT REQ'D TO COMPLY WITH NRC BULLETIN 79-01B.
B) SEE AGING PROGRAM DESCRIPTION.

33427
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	NOTE A	2	NOTE A	NOTE A	NONE
PLANT ID NO: 33428	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8302C4F	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ASV DAMPER 1C TRAIN B SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER OPERATOR	RADIATION RADS	1.4E5	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: @CD-34003 GRID G.1/4.8/645 AUX BLDG SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

A) THERE IS NO ENVIRONMENTALLY INDUCED MECHANISM THAT CAN CAUSE FAILURE TO DE-ENERGIZE OR SPURIOUS RE-ENERGIZATION OF THE SOLENOID VALVE'S COIL AND SUBSEQUENT FAILURE TO CLOSE OR SPURIOUS REOPENING OF THE ASSOCIATED BOUNDARY DAMPER. THEREFORE, E.Q. OF THE ZONE SV ISOL AND STEAM EXCL BOUNDARY DAMPER SV IS NOT REQ'D TO COMPLY WITH NRC BULLETIN 79-01B.
B) SEE AGING PROGRAM DESCRIPTION.

33428
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	NOTE A	2	NOTE A	NOTE A	NONE
PLANT ID NO: 33435	TEMPERATURE DEG. F.	106	N/A	111	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,39	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: HTX-8302C26F SOL. CAT. NO. 80173 S/N 3143D-1	RELATIVE HUMIDITY PCT	100%	NOTE A	111	NOTE A	NOTE A	NONE
FUNCTION: STM EXCL EDRY DAMPR 7 SV 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: @ CD-34056 GRID GW.5/8.7/657.5 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

HELB YES (H)

NOTES:

A) THE MOST PROBABLE FAILURE OF A SOLENOID VALVE IS A LOSS OF POWER DUE TO EITHER A SHORT OR OPEN IN THE COIL WHICH WILL CAUSE THE SOLENOID TO FAIL IN ITS SAFETY POSITION. TO BE REPLACED WITH QUALIFIED MODEL (P.O.34247).

33435
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 33446	TEMPERATURE DEG. F.	106	N/A	111	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	111	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: HTX-8302C26F SOL. CAT. NO. 80173 S/N 3143D-2	RELATIVE HUMIDITY PCT	100%	NOTE A	111	NOTE A	NOTE A	NONE
FUNCTION: STM EXCL BDRY DMPR 11A SV 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: @ CD-34065 GRID GW.0/5.8/657 AUX BLDG	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

HELB YES (H)

NOTES:

A) QUALIFICATION DATA TO DEMONSTRATE COMPLETE ACCEPTABILITY OF THE SOLENOID'S NON-METALLIC COMPONENTS HAS NOT BEEN LOCATED TO DATE; REPLACEMENT KITS WILL BE CHOSEN TO REPLACE THE ELASTOMERS AND COILS WITH COMPONENTS OF THE SAME CONSTRUCTION AS THOSE FOUND IN THE NUCLEAR QUALIFIED SOLENOID VALVES.
B) SEE AGING PROGRAM DESCRIPTION.

33446
ABSV

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 33449	TEMPERATURE DEG. F.	106	N/A	111	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	111	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8302C4F	RELATIVE HUMIDITY PCT	100%	NOTE A	111	NOTE A	NOTE A	NONE
FUNCTION: STM EXCL BDRY DMPR 11B SV 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: @ CD-34067 GRID G.3/3.2/657 AUX BLDG	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB YES (H)

NOTES:

A) QUALIFICATION DATA TO DEMONSTRATE COMPLETE ACCEPTABILITY OF THE SOLENOID'S NON-METALLIC COMPONENTS HAS NOT BEEN LOCATED TO DATE; REPLACEMENT KITS WILL BE ORDERED TO REPLACE THE ELASTOMERS AND COILS WITH COMPONENTS OF THE SAME CONSTRUCTION AS THOSE FOUND IN THE NUCLEAR QUALIFIED SOLENOID VALVES.
B) SEE AGING PROGRAM DESCRIPTION.

33449
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: CR-HVAC	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 33641	TEMPERATURE DEG. F.	70-85 70-85 (HELB)	N/A N/A	40 40	N/A N/A	N/A N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	40 40	N/A N/A	N/A N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: 8300C61	RELATIVE HUMIDITY PCT	10-40% 10-40% (HELB)	N/A N/A	40 40	N/A N/A	N/A N/A	NONE
FUNCTION: RR RM SPLY & EXH DMPR SLND	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 111,119	N/A N/A	N/A N/A	NONE
LOCATION: @34084 & 34085 GRID GW.6/9.0/615 RELAY RCOM	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION

33641
CRM-HVAC

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT	INSIDE PRIMARY CONTAINMENT	SYSTEM
1	ASHCROFT	16085	4410A31-02L	PRESSURE SWITCH	NO	AUX. FEEDWATER
2	ASHCROFT	16114	B420E/0-20	PRESSURE SWITCH	NO	AUX. FEEDWATER
3	ASHCROFT	16937	B420E/0-20	PRESSURE SWITCH	NC	AUX. FEEDWATER

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: AUX. FEEDWATER	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 16085	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: PRESSURE SWITCH MANUFACTURER: ASHCROFT	PRESSURE PSIA	13.7-15.7	N/A	43,44	N/A	N/A	NONE
MODEL NUMBER: 4410A31-02L	RELATIVE HUMIDITY PCT	10-80%	N/A	44	N/A	N/A	NONE
FUNCTION: TD AUX FW PMP AUX LUBE OIL PMP CONT PS SERVICE: MOTOR CONTROL	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: GRID E.0/9.0/591 TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

16085
AFW

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: AUX. FEEDWATER	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 16114	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: PRESSURE SWITCH	PRESSURE PSIA	13.7-15.7	N/A	43,44	N/A	N/A	NONE
MANUFACTURER: ASHCROFT							
MODEL NUMBER: B420B/0-20	RELATIVE HUMIDITY PCT	10-80%	N/A	44	N/A	N/A	NONE
FUNCTION: TURB DRIV AFW PMP LUBE OIL PRESS PERMISSIVE PS	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: MOTOR CONTROL	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: GRID E.0/9.0/591 TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

16114
AFW

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL.	OUTSTANDING
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.	METHOD	ITEMS
SYSTEM: AUX. FEEDWATER	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 16937	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: PRESSURE SWITCH	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: ASHCROFT							
MODEL NUMBER: E420B/0-20	RELATIVE HUMIDITY PCT	10-80%	N/A	44	N/A	N/A	NONE
FUNCTION: TURB DRIV AFW PMP LUBE OIL PRESS PERMISSIVE PS	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: MOTOR CONTROL	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: GRID E.0/9.0/591 TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

16937
AFW

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT	INSIDE PRIMARY CONTAINMENT	SYSTEM
1	BARKSDALE	16421	DPD2T-A80	DP SWITCH	NO	SERVICE WATER
2	BARKSDALE	16422	DPD2T-A80	DP SWITCH	NO	SERVICE WATER

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SERVICE WATER	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 16421	TEMPERATURE DEG. F.	60-120	N/A	44	N/A	N/A	NONE
COMPONENT: DP SWITCH	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: BARKSDALE							
MODEL NUMBER: DPD2T-A80	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: SW STRAINER 1B1	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: STRAINER D/P	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: @ STRAINER 1B1 SCREENHOUSE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

16421
SW

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: SERVICE WATER	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 16422	TEMPERATURE DEG. F.	60-120	N/A	44	N/A	N/A	NONE
COMPONENT: DP SWITCH	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: BARKSDALE							
MODEL NUMBER: DPD2T-A80	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: SW STRAINER 1B2	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: STRAINER D/P	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: @STRAINER 1B2 SCREENHOUSE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

16422
SW

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT	INSIDE PRIMARY CONTAINMENT	SYSTEM
1	EARNES	1E-0493	BUILT PER SPEC	SEQUENCE LOADING PANEL	NO	DIESEL GENERATOR MECHANICAI
2	EARNES	1E-0494	BUILT PER SPEC	SEQUENCE LOADING PANEL	NO	DIESEL GENERATOR MECHANICAI
3	EARNES	1E-0495	BUILT PER SPEC	SEQUENCE LOADING PANEL	NO	DIESEL GENERATOR MECHANICAL
4	EARNES	1E-0498	BUILT PER SPEC	AUX RELAY PANEL	NO	DIESEL GENERATOR MECHANICAI
5	EARNES	1E-0562	BUILT PER SPEC	CONTROL PANEL	NO	CRM-HVAC

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL.	OUTSTANDING
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.	METHOD	ITEMS
SYSTEM: DIESEL GENERATOR MECHANICAL	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0493	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: SEQUENCE LOADING PANEL MANUFACTURER: BARNES	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: DR-114 SEQUENCE LOADING 1B PANEL	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ELECTRICAL LOADING	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: ADM BLDG D/G RM 1B	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL.	OUTSTANDING
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.	METHOD	ITEMS
SYSTEM: DIESEL GENERATOR MECHANICAL	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0494	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: SEQUENCE LOADING PANEL MANUFACTURER: BARNES	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: DR-115 SEQUENCE LOADING 1E PANEL	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ELECTRICAL LOADING	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: ADM BLDG D/G RM 1B	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: DIESEL GENERATOR MECHANICAL	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0495	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: SEQUENCE LOADING PANEL MANUFACTURER: BARNES	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: DR-116 SEQUENCE LOADING 1E PANEL	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ELECTRICAL LOADING	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: ADM BLDG D/G RM 1B	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
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UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: DIESEL GENERATOR MECHANICAL	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0498	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: AUX RELAY PANEL	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: EARNES							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: DR-119 AUX RELAY PANEL	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: RELAY ENCLOSURE	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: ADM BLDG D/G RM 1B	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: CRM-HVAC	OPERATIONAL TIME	1 YEAR	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 1E-0562	TEMPERATURE DEG. F.	234	NOTE A	111	NOTE A	NOTE A	NONE
COMPONENT: CONTROL PANEL	PRESSURE PSIA	13.7-15.7	N/A	37,39,111	N/A	N/A	NONE
MANUFACTURER: BARNES							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	100%	NOTE A	111	NOTE A	NOTE A	NONE
FUNCTION: CONT RM VENT PNL	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: COMPONENT ENCLOSURE	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: GRID G.2/6.1/626 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

HELB YES (T,H)

NOTES:

A) THIS PANEL IS ENCLOSED WITHIN ANOTHER SEALED PANEL. MOISTURE AND TEMPERATURE EFFECTS ARE NOT SIGNIFICANT BECAUSE OF THIS BARRIER.

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT	INSIDE PRIMARY CONTAINMENT	SYSTEM
1	BARTON	11267	290A	LEVEL SWITCH	NO	DIESEL GENERATOR MECHANICAL
2	BARTON	11268	290A	LEVEL SWITCH	NO	DIESEL GENERATOR MECHANICAL
3	BARTON	16416	289A	DP TRANSMITTER	NO	SHIELD BUILDING VENTILATION
4	BARTON	16417	289A	DP TRANSMITTER	NO	SHIELD BUILDING VENTILATION
5	BARTON	16427	288A	DP SWITCH	NO	REACTOR BUILDING VENTILATION
6	BARTON	16428	288A	DP SWITCH	NO	REACTOR BUILDING VENTILATION
7	BARTON	21100 #	368	PRESSURE TRANSMITTER	NO	REACTOR BUILDING VENTILATION
8	BARTON	21101 #	368	PRESSURE TRANSMITTER	NO	REACTOR BUILDING VENTILATION
9	BARTON	21102 #	368	PRESSURE TRANSMITTER	NO	REACTOR BUILDING VENTILATION
10	BARTON	21117	368	PRESSURE TRANSMITTER	NO	REACTOR BUILDING VENTILATION
11	BARTON	21118	368	PRESSURE TRANSMITTER	NO	REACTOR BUILDING VENTILATION
12	BARTON	21119	368	PRESSURE TRANSMITTER	NO	REACTOR BUILDING VENTILATION
13	BARTON	23001	384	DP TRANSMITTER	YES	MAIN STEAM
14	BARTON	23002	384	DP TRANSMITTER	YES	MAIN STEAM
15	BARTON	23005	384	DP TRANSMITTER	YES	MAIN STEAM

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT	PRIMARY CONTAINMENT	SYSTEM
16	BARTON	23007	384	DP TRANSMITTER	YES	MAIN STEAM
17	BARTON	24023	332/305/351	LEVEL TRANSMITTER	NO	CHEMICAL & VOL. CONTROL
18	BARTON	24024	332/305/351	LEVEL TRANSMITTER	NO	CHEMICAL & VOL. CONTROL
19	BARTON	24025	332/305/351	LEVEL TRANSMITTER	NO	CHEMICAL & VOL. CONTROL
20	BARTON	24026	332/305/351	LEVEL TRANSMITTER	NO	CHEMICAL & VOL. CONTROL
21	BARTON	24027	332/305/351	LEVEL TRANSMITTER	NO	CHEMICAL & VOL. CONTROL
22	BARTON	24028	332/305/351	LEVEL TRANSMITTER	NO	CHEMICAL & VOL. CONTROL
23	BARTON	24029	384	DP TRANSMITTER	YES	EMERGENCY PROCEDURE
24	BARTON	24030 #	386/351	LEVEL TRANSMITTER	YES	REACTOR COOLANT
25	BARTON	24031 #	386/351	LEVEL TRANSMITTER	YES	REACTOR COOLANT
26	BARTON	24032 #	386/351	LEVEL TRANSMITTER	YES	REACTOR COOLANT
27	BARTON	24038	332/305/351	LEVEL TRANSMITTER	NO	CHEMICAL & VOL. CONTROL
28	BARTON	24039	332/305/351	LEVEL TRANSMITTER	NO	CHEMICAL & VOL. CONTROL
29	BARTON	24062 #	332	LEVEL TRANSMITTER	NO	RESIDUAL HEAT REMOVAL

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: DIESEL GENERATOR MECHANICAL	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 11267	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: LEVEL SWITCH	PRESSURE PSIA	13.5-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: BARTON							
MODEL NUMBER: 290A	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: D/G FUEL OIL DAY TANK 1A1/1A2 DPI	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: LEVEL INDICATION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID AE.1/7.9/597 TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

11267
DG-MECH

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL.	OUTSTANDING
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.	METHOD	ITEMS
SYSTEM: DIESEL GENERATOR MECHANICAL	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 11268	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: LEVEL SWITCH	PRESSURE PSIA	13.5-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: BARTON							
MODEL NUMBER: 290A	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: D/G FUEL OIL DAY TANK 1B1/1B2 DPI	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: LEVEL INDICATION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID AE.1/6.1/597 TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SHIELD BUILDING VENTILATION	OPERATIONAL TIME	30 DAYS	14 YEARS	35	134	TEST/ANALY	NONE
PLANT ID NO: 16416	TEMPERATURE DEG. F.	110	N/A	37,38	N/A	N/A	NONE
COMPONENT: DP TRANSMITTER	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: BARTON							
MODEL NUMBER: 289A	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SBV RECIRCULATION DAMPER CONTROL	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PRESSURE SWITCH	RADIATION RADS	2.1E5	3E6	41	90	TYPE TEST	NONE
LOCATION: GRID K.0/5.8/638 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

16416
SBV

UNIT: KEWAUNEE

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: SHIELD BUILDING VENTILATION	OPERATIONAL TIME	30 DAYS	14 YEARS	35	134	TEST/ANALY	NONE
PLANT ID NO: 16417	TEMPERATURE DEG. F.	110	N/A	37,39	N/A	N/A	NONE
COMPONENT: DP TRANSMITTER	PRESSURE PSIA	13.7-15.7	N/A	37,39	N/A	N/A	NONE
MANUFACTURER: BARTON							
MODEL NUMBER: 289A	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,43	N/A	N/A	NONE
FUNCTION: SBV RECIRCULATION DAMPER CONTROL	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PRESSURE SWITCH	RADIATION RADS	2.1E5	3E6	41	90	TYPE TEST	NONE
LOCATION: GRID J.5/5.7/638 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

16417
SBV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR BUILDING VENTILATION	OPERATIONAL TIME	30 DAYS	>2 YEARS	35	135	TEST/ANALY	NONE
PLANT ID NO: 16427	TEMPERATURE DEG. F.	110	N/A	37,39	N/A	N/A	NONE
COMPONENT: DP SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,39	N/A	N/A	NONE
MANUFACTURER: BARTON							
MODEL NUMBER: 288A	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,43	N/A	N/A	NONE
FUNCTION: CONTAINMENT VACUUM BREAKER CVIA (31337)	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL SOLENOID VALVE 33291	RADIATION RADS	1.2E5	3E6	41	90	TYPE TEST	NONE
LOCATION: GRID K.0/5.8/638 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

16427
RBV

SYSTEM COMPONENT EVAIUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: REACTOR BUILDING VENTILATION	OPERATIONAL TIME	30 DAYS	>2 YEARS	35	135	TEST/ANALY	NONE
PLANT ID NO: 16428	TEMPERATURE DEG. F.	110	N/A	37,39	N/A	N/A	NONE
COMPONENT: DP SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,39	N/A	N/A	NONE
MANUFACTURER: BARTON							
MODEL NUMBER: 288A	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,43	N/A	N/A	NONE
FUNCTION: CONTAINMENT VACUUM BREAKER CVIE (31338)	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL SOLENOID VALVE 33292	RADIATION RADS	1.2E5	3E6	41	90	TYPE TEST	NONE
LOCATION: GRID J.5/5.7/638 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

16428
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR BUILDING VENTILATION	OPERATIONAL TIME	30 DAYS	>10 YEARS	35	136	TEST/ANALY	NONE
PLANT ID NO: 21100 #	TEMPERATURE DEG. F.	110	288	37,39	71	SIMULT	NONE
COMPONENT: PRESSURE TRANSMITTER	PRESSURE PSIA	13.7-15.7	74.7	37,39	71	SIMULT	NONE
MANUFACTURER: BARTON							
MODEL NUMBER: 368	RELATIVE HUMIDITY PCT	10-80%	100%	37,39,43	71	SIMULT	NONE
FUNCTION: ESF ACTUATION	CHEMICAL SPRAY	N/A	PH = 9.25 N/A 1.5% H3BO3	N/A	71 N/A	SIMULT N/A	NONE
SERVICE: CONTAINMENT PRESSURE	RADIATION RADS	1.2E5	2E8	41	71	SEPARATE	NONE
LOCATION: GRID J.3/5.6/638 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,R)

NOTES:

A) QUALIFICATION DATA EXISTS FOR ALL PARAMETERS EXCEPT AGING. MAINTENANCE HISTORY INDICATES NO AGE-RELATED DEGRADATION. TO BE REPLACED BY AN INSTRUMENT TESTED BY ACCELERATED AGING (E.C. 34233).

21100
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: REACTOR BUILDING VENTILATION	OPERATIONAL TIME	30 DAYS	>10 YEARS	35	136	TEST/ANALY	NONE
PLANT ID NO: 21101 #	TEMPERATURE DEG. F.	110	288	37,39	71	SIMULT	NONE
COMPONENT: PRESSURE TRANSMITTER	PRESSURE PSIA	13.7-15.7	74.7	37,39	71	SIMULT	NONE
MANUFACTURER: BARTON							
MODEL NUMBER: 368	RELATIVE HUMIDITY PCT	10-80%	100%	37,39,43	71	SIMULT	NONE
FUNCTION: ESF ACTUATION	CHEMICAL SPRAY	N/A	PH = 9.25 N/A 1.5% H3BO3	N/A	71 N/A	SIMULT N/A	NONE
SERVICE: CONTAINMENT PRESSURE	RADIATION RADS	1.2E5	2E8	41	71	SEPARATE	NONE
LOCATION: GRID J.5/5.7/638 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,B)

NOTES:

A) QUALIFICATION DATA EXISTS FOR ALL PARAMETERS EXCEPT AGING. MAINTENANCE HISTORY INDICATES NO AGE-RELATED DEGRADATION. TO BE REPLACED BY AN INSTRUMENT TESTED BY ACCELERATED AGING (P.O. 34233).

21101
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR BUILDING VENTILATION	OPERATIONAL TIME	2 MONTHS	>10 YEARS	35	136	TEST/ANALY	NONE
PLANT ID NO: 21102 #	TEMPERATURE DEG. F.	110	288	37,39	71	SIMULT	NONE
COMPONENT: PRESSURE TRANSMITTER	PRESSURE PSIA	13.7-15.7	74.7	37,39	71	SIMULT	NONE
MANUFACTURER: BARTON							
MODEL NUMBER: 368	RELATIVE HUMIDITY PCT	10-80%	100%	37,39,43	71	SIMULT	NONE
FUNCTION: ESF ACTUATION	CHEMICAL SPRAY	N/A	PH = 9.25 N/A 1.5% H3BO3	B/A	71 N/A	SIMULT N/A	NONE
SERVICE: CONTAINMENT PRESSURE	RADIATION RADS	1.2E5	2E8	41	71	SEPARATE	NONE
LOCATION: GRID K.0/5.8/638 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,B)

NOTES:

A) QUALIFICATION DATA EXISTS FOR ALL PARAMETERS EXCEPT AGING. MAINTENANCE HISTORY INDICATES NO AGE-RELATED DEGRADATION. TO BE REPLACED BY AN INSTRUMENT TESTED BY ACCELERATED AGING (P.O. 34233).

21102
RHV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR BUILDING VENTILATION	OPERATIONAL TIME	30 DAYS	>10 YEARS	35	136	TEST/ANALY	NONE
PLANT ID NO: 21117	TEMPERATURE DEG. F.	110	288	37,39	71	SIMULT	NONE
COMPONENT: PRESSURE TRANSMITTER	PRESSURE PSIA	13.7-15.7	74.7	37,39	71	SIMULT	NONE
MANUFACTURER: BARTON							
MODEL NUMBER: 368	RELATIVE HUMIDITY PCT	10-80%	100%	37,39,43	71	SIMULT	NONE
FUNCTION: CONTAINMENT PRESSURE	CHEMICAL SPRAY	N/A	PH = 9.25 N/A 1.5% H3BO3	N/A	71 N/A	SIMULT N/A	NONE
SERVICE: ESF ACTUATION	RADIATION RADS	1.2E5	2E8	41	71	SEPARATE	NONE
LOCATION: GRID K.0/5.8/638 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,R)

NOTES:

A) QUALIFICATION DATA EXISTS FOR ALL PARAMETERS EXCEPT AGING. MAINTENANCE HISTORY INDICATES NO AGE-RELATED DEGRADATION. TO BE REPLACED BY AN INSTRUMENT TESTED BY ACCELERATED AGING (P.O. 34233).

21117
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR BUILDING VENTILATION	OPERATIONAL TIME	30 DAYS	>10 YEARS	35	136	TEST/ANALY	NONE
PLANT ID NO: 21118	TEMPERATURE DEG. F.	110	288	37,39	71	SIMULT	NONE
COMPONENT: PRESSURE TRANSMITTER	PRESSURE PSIA	13.7-15.7	74.7	37,39	71	SIMULT	NONE
MANUFACTURER: BARTON							
MODEL NUMBER: 368	RELATIVE HUMIDITY PCT	10-80%	100%	37,39,43	71	SIMULT	NONE
FUNCTION: CONTAINMENT PRESSURE	CHEMICAL SPRAY	N/A	PH = 9.25 N/A 1.5% H3BO3	N/A	71 N/A	SIMULT N/A	NONE
SERVICE: ESF ACTUATION	RADIATION RADS	1.2E5	2E8	41	71	SEPARATE	NONE
LOCATION: GRID J.5/5.7/638 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,R)

NOTES:

A) QUALIFICATION DATA EXISTS FOR ALL PARAMETERS EXCEPT AGING. MAINTENANCE HISTORY INDICATES NO AGE-RELATED DEGRADATION. TO BE REPLACED BY AN INSTRUMENT TESTED BY ACCELERATED AGING (P.O. 34233).

21118
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR BUILDING VENTILATION	OPERATIONAL TIME	30 DAYS	>10 YEARS	35	136	TEST/ANALY	NONE
PLANT ID NO: 21119	TEMPERATURE DEG. F.	110	288	37,39	71	SIMULT	NONE
COMPONENT: PRESSURE TRANSMITTER	PRESSURE PSIA	13.7-15.7	74.7	37,39	71	SIMULT	NONE
MANUFACTURER: BARTON							
MODEL NUMBER: 368	RELATIVE HUMIDITY PCT	10-80%	100%	37,39,43	71	SIMULT	NONE
FUNCTION: CONTAINMENT PRESSURE	CHEMICAL SPRAY	N/A	PH = 9.25 N/A 1.5% H3BO3	N/A	71 N/A	SIMULT N/A	NONE
SERVICE: ESF ACTUATION	RADIATION RADS	1.2E5	2E8	41	71	SEPARATE	NONE
LOCATION: GRID J.1/5.5/638 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,R)

NOTES:

A) QUALIFICATION DATA EXISTS FOR ALL PARAMETERS EXCEPT AGING. MAINTENANCE HISTORY INDICATES NO AGE-RELATED DEGRADATION. TO BE REPLACED BY AN INSTRUMENT TESTED BY ACCELERATED AGING (P.O. 34233).

21119
RBV

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MAIN STEAM	OPERATIONAL TIME	2 HOURS	2 HOURS	35	71	SIMULT	NONE
PLANT ID NO: 23001	TEMPERATURE DEG. F.	293 120 (HELB)	NOTE B 288	1 114	71	SIMULT	NONE
COMPONENT: DP TRANSMITTER	PRESSURE PSIA	60.7 13.7-15.7 HEIB	74.7	2,3 114	71	SIMULT	NONE
MANUFACTURER: BARTON							
MODEL NUMBER: 384	RELATIVE HUMIDITY PCT	100% 10-80% (HELB)	100%	2 113	71	SIMULT	NONE
FUNCTION: MS FROM S/G 1A E XMTR	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH N/A (HELB)	PH = 9.25 1.5% H3BO3	4,5,118 N/A	71	SIMULT	NONE
SERVICE: FT-464	RADIATION RADS	5E7 GAMMA 2E6 BETA 5E7 GAMMA, HEIB	2E8	2,6,7,8 2,6,7,8,115	71	SEPARATE	NONE
LOCATION: GRID 6.5/278/654 RX BLDG	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: 600' (N/A, HELB) ABOVE FLOOD LEVEL: YES, (N/A, HEIB)	SUBMERGENCE	NOT REQUIRED NOT REQ (HELB)	N/A N/A	9 N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,R)
HELB YES (R)

NOTES:

A) QUALIFICATION DATA EXISTS FOR ALL PARAMETERS EXCEPT AGING. MAINTENANCE HISTORY INDICATES NO AGE-RELATED DEGRADATION. TO BE REPLACED BY AN INSTRUMENT TESTED BY ACCELERATED AGING AND ELEVATED TEMPERATURE (P.O.34250).
B) SPECIFIED TEMPERATURE EXCEEDS QUALIFICATION TEMPERATURE FOR LESS THAN 1 MINUTE.

23001
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MAIN STEAM	OPERATIONAL TIME	2 HOURS	2 HOURS	35	71	SIMULT	NONE
PLANT ID NO: 23002	TEMPERATURE DEG. F.	293 120 (HELB)	NOTE B 288	1 114	71	SIMULT	NONE
COMPONENT: DP TRANSMITTER	PRESSURE PSIA	60.7 13.7-15.7 HELB	74.7	2,3 114	71	SIMULT	NONE
MANUFACTURER: BARTON							
MODEL NUMBER: 384	RELATIVE HUMIDITY PCT	100% 10-80% (HELB)	100%	2 113	71	SIMULT	NONE
FUNCTION: MS FROM S/G 1B F XMTR	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH N/A (HELB)	PH = 9.25 1.5% H3BO3	4,5,118 N/A	71	SIMULT	NONE
SERVICE: FT-474	RADIATION RADS	5E7 GAMMA 2E6 BETA 5E7 GAMMA, HELB	2E8	2,6,7,8 2,6,7,8,115	71	SEPARATE	NONE
LOCATION: GRID 16.5/112/654 RX BLDG	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: 600' (N/A, HELB) ABOVE FLOOD LEVEL: YES, (N/A, HELB)	SUBMERGENCE	NOT REQUIRED NOT REQ (HELB)	N/A N/A	9 N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,B)
HELB YES (B)

NOTES:

A) QUALIFICATION DATA EXISTS FOR ALL PARAMETERS EXCEPT AGING. MAINTENANCE HISTORY INDICATES NO AGE-RELATED DEGRADATION. TO BE REPLACED BY AN INSTRUMENT TESTED BY ACCELERATED AGING AND ELEVATED TEMPERATURE (P.O.34250).
B) SPECIFIED TEMPERATURE EXCEEDS QUALIFICATION TEMPERATURE FOR LESS THAN 1 MINUTE.

23002
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MAIN STEAM	OPERATIONAL TIME	2 HOURS	2 HOURS	35	71	SIMULT	NONE
PLANT ID NO: 23005	TEMPERATURE DEG. F.	293 120 (HELB)	NOTE B 288	1 114	71	SIMULT	NONE
COMPONENT: DP TRANSMITTER	PRESSURE PSIA	60.7 13.7-15.7 HEIB	74.7	2,3 114	71	SIMULT	NONE
MANUFACTURER: BARTON							
MODEL NUMBER: 384	RELATIVE HUMIDITY PCT	100% 10-80% (HELB)	100%	2 113	71	SIMULT	NONE
FUNCTION: MS FROM S/G 1A P XMTR	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH N/A (HELB)	PH = 9.25 1.5% H3BO3	4,5,118 N/A	71	SIMULT	NONE
SERVICE: PT-465	RADIATION RADS	5E7 GAMMA 2E6 BETA 5E7 GAMMA, HEIB	2E8	2,6,7,8 2,6,7,8,115	71	SEPARATE	NONE
LOCATION: GRID 8/265/654 RX BLDG	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: 600' (N/A, HELB) ABOVE FLOOD LEVEL: YES, (N/A, HELB)	SUBMERGENCE	NOT REQUIRED NOT REQ (HELB)	N/A N/A	9 N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,R)
HELB YES (R)

NOTES:

A) QUALIFICATION DATA EXISTS FOR ALL PARAMETERS EXCEPT AGING. MAINTENANCE HISTORY INDICATES NO AGE-RELATED DEGRADATION. TO BE REPLACED BY AN INSTRUMENT TESTED BY ACCELERATED AGING AND ELEVATED TEMPERATURE (P.O.34250).
B) SPECIFIED TEMPERATURE EXCEEDS QUALIFICATION TEMPERATURE FOR LESS THAN 1 MINUTE.

23005
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MAIN STEAM	OPERATIONAL TIME	2 HOURS	2 HOURS	35	71	SIMULT	NONE
PLANT ID NO: 23007	TEMPERATURE DEG. F.	293 120 (HELB)	NOTE E 288	1 114	71	SIMULT	NONE
COMPONENT: DP TRANSMITTER	PRESSURE PSIA	60.7 13.7-15.7 HELB	74.7	2,3 114	71	SIMULT	NONE
MANUFACTURER: BARTON							
MODEL NUMBER: 384	RELATIVE HUMIDITY PCT	100% 10-80% (HELB)	100%	2 113	71	SIMULT	NONE
FUNCTION: MS FROM S/G 1B F XMTR	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH N/A (HELB)	PH = 9.25 1.5% H3BO3	4,5,118 N/A	71	SIMULT	NONE
SERVICE: FT-475	RADIATION RADS	5E7 GAMMA 2E6 BETA 5E7 GAMMA, HELB	2E8	2,6,7,8 2,6,7,8,115	71	SEPARATE	NONE
LOCATION: GRID 16.5/115/654 RX BLDG	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: 600' (N/A, HELB) ABOVE FLOOD LEVEL: YES, (N/A, HELB)	SUBMERGENCE	NOT REQUIRED NOT REQ (HELB)	N/A N/A	9 N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,R)
HELB YES (R)

NOTES:

A) QUALIFICATION DATA EXISTS FOR ALL PARAMETERS EXCEPT AGING. MAINTENANCE HISTORY INDICATES NO AGE-RELATED DEGRADATION. TO BE REPLACED BY AN INSTRUMENT TESTED BY ACCELERATED AGING AND ELEVATED TEMPERATURE (P.O.34250).
E) SPECIFIED TEMPERATURE EXCEEDS QUALIFICATION TEMPERATURE FOR LESS THAN 1 MINUTE.

23007
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: CHEMICAL & VOL. CONTROL	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 24023	TEMPERATURE DEG. F.	60-104	N/A	111	N/A	N/A	NONE
COMPONENT: LEVEL TRANSMITTER	PRESSURE PSIA	13.7-15.7	N/A	111	N/A	N/A	NONE
MANUFACTURER: BARTON							
MODEL NUMBER: 332/305/351	RELATIVE HUMIDITY PCT	10-80%	N/A	111	N/A	N/A	NONE
FUNCTION: LT-106 L XMTR	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: LT-106	RADIATION RADS	<1E5	N/A	117	N/A	N/A	NONE
LOCATION: GRID H.5/6.C/638 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

24023
CVC

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: CHEMICAL & VOL. CONTROL	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 24024	TEMPERATURE DEG. F.	60-104	N/A	111	N/A	N/A	NONE
COMPONENT: LEVEL TRANSMITTER	PRESSURE PSIA	13.7-15.7	N/A	111	N/A	N/A	NONE
MANUFACTURER: BARTON							
MODEL NUMBER: 332/305/351	RELATIVE HUMIDITY PCT	10-80%	N/A	111	N/A	N/A	NONE
FUNCTION: BA TNK 1A L XMTR	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: LT-172	RADIATION RADS	<1E5	N/A	117	N/A	N/A	NONE
LOCATION: GRID J.0/6.2/638 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

24024
CVC

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: CHEMICAL & VOL. CONTROL	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 24025	TEMPERATURE DEG. F.	60-104	N/A	111	N/A	N/A	NONE
COMPONENT: LEVEL TRANSMITTER	PRESSURE PSIA	13.7-15.7	N/A	111	N/A	N/A	NONE
MANUFACTURER: BARTON							
MODEL NUMBER: 332/305/351	RELATIVE HUMIDITY PCT	10-80%	N/A	111	N/A	N/A	NONE
FUNCTION: EA TNK 1A L XMTR	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: LT-190	RADIATION RADS	<1E5	N/A	117	N/A	N/A	NONE
LOCATION: GRID H.7/6.4/638 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

24025
CVC

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: CHEMICAL & VOL. CONTROL	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 24026	TEMPERATURE DEG. F.	60-104	N/A	111	N/A	N/A	NONE
COMPONENT: LEVEL TRANSMITTER	PRESSURE PSIA	13.7-15.7	N/A	111	N/A	N/A	NONE
MANUFACTURER: BARTON							
MODEL NUMBER: 332/305/351	RELATIVE HUMIDITY PCT	10-80%	N/A	111	N/A	N/A	NONE
FUNCTION: EA TNK 1B L XMTR	CHEMICAL SPRAY	N/A	N/A	N/A	69 N/A	N/A	NONE
SERVICE: LT-102	RADIATION RADS	<1E5	N/A	117	N/A	N/A	NONE
LOCATION: GRID H.5/5.5/638 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

24026
CVC

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: CHEMICAL & VOL. CONTROL	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 24027	TEMPERATURE DEG. F.	60-104	N/A	111	N/A	N/A	NONE
COMPONENT: LEVEL TRANSMITTER	PRESSURE PSIA	13.7-15.7	N/A	111	N/A	N/A	NONE
MANUFACTURER: BARTON							
MODEL NUMBER: 332/305/351	RELATIVE HUMIDITY PCT	10-80%	N/A	111	N/A	N/A	NONE
FUNCTION: BA TNK 1B L XMTR	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: LT-171	RADIATION RADS	<1E5	N/A	117	N/A	N/A	NONE
LOCATION: GRID H.5/5.3/638 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

24027
CVC

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: CHEMICAL & VOL. CONTROL	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 24028	TEMPERATURE DEG. F.	60-104	N/A	111	N/A	N/A	NONE
COMPONENT: LEVEL TRANSMITTER	PRESSURE PSIA	13.7-15.7	N/A	111	N/A	N/A	NONE
MANUFACTURER: BARTON							
MODEL NUMBER: 332/305/351	RELATIVE HUMIDITY PCT	10-80%	N/A	111	N/A	N/A	NONE
FUNCTION: BA TNK 1B L XMTR	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: LT-189	RADIATION RADS	<1E5	N/A	117	N/A	N/A	NONE
LOCATION: GRID J.0/5.8/638 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

24028
CVC

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: EMERGENCY PROCEDURE	OPERATIONAL TIME	1/2 HOUR	2 HOURS	35	71	SIMULT	NONE
PLANT ID NO: 24029	TEMPERATURE DEG. F.	293 120 (HELB)	NOTE B 288	1 114	71	SIMULT	NONE
COMPONENT: DP TRANSMITTER	PRESSURE PSIA	60.7 13.7-15.7 HELB	74.7	2,3 114	71	SIMULT	NONE
MANUFACTURER: BARTON							
MODEL NUMBER: 384	RELATIVE HUMIDITY PCT	100% 10-80% (HELB)	100%	2 113	71	SIMULT	NONE
FUNCTION: IEVEL INDICATION ON PRZR I COLD	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH N/A (HELB)	PH = 9.25 1.5% H3BO3	4,5,118 N/A	71	SIMULT	NONE
SERVICE: CONTROL ROOM INDICATION	RADIATION RADS	5E7 GAMMA 2E6 BETA 5E7 GAMMA, HELB	2E8	2,6,7,8 2,6,7,8,115	71	SEPARATE	NONE
LOCATION: GRID 24/108/611 RX BLDG	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: 600' (N/A, HELB) ABOVE FLOOD LEVEL: YES, (N/A, HELB)	SUBMERGENCE	NOT REQUIRED NOT REQ (HELB)	N/A N/A	9 N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,R)
HELB YES (R)

NOTES:

A) QUALIFICATION DATA EXISTS FOR ALL PARAMETERS EXCEPT AGING. MAINTENANCE HISTORY INDICATES NO AGE-RELATED DEGRADATION. TO BE REPLACED BY AN INSTRUMENT TESTED BY ACCELERATED AGING AND ELEVATED TEMPERATURE (P.C.43901).
B) SPECIFIED TEMPERATURE EXCEEDS QUALIFICATION TEMPERATURE FOR LESS THAN 1 MINUTE.

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR COOLANT	OPERATIONAL TIME	1/2 HOUR	2 HOURS	35	71	SIMULT	NONE
PLANT ID NO: 24030 #	TEMPERATURE DEG. F.	293 120 (HELB)	NOTE E 288	1 114	71	SIMULT	NONE
COMPONENT: LEVEL TRANSMITTER	PRESSURE PSIA	60.7 13.7-15.7 HELB	74.7	2,3 114	71	SIMULT	NONE
MANUFACTURER: BARTON							
MODEL NUMBER: 386/351	RELATIVE HUMIDITY PCT	100% 10-80% (HELB)	100%	2 113	71	SIMULT	NONE
FUNCTION: LEVEL TRANSMITTER ON PRZR-1C	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NACH N/A (HELB)	PH = 9.25 1.5% H3BO3	4,5,118 N/A	71	SIMULT	NONE
SERVICE: PRESSURIZER LEVEL	RADIATION RADS	5E7 GAMMA 2E6 BETA 5E7 GAMMA, HELB	2E8	2,6,7,8 2,6,7,8,115	71	SEPARATE	NONE
LOCATION: GRID 29/123/611 RX BLDG	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: 600' (N/A, HELB) ABOVE FLOOD LEVEL: YES, (N/A, HELB)	SUBMERGENCE	NOT REQUIRED NOT REQ (HELB)	N/A N/A	9 N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,R)
HELB YES (R)

NOTES:

A) QUALIFICATION DATA EXISTS FOR ALL PARAMETERS EXCEPT AGING. MAINTENANCE HISTORY INDICATES NO AGE-RELATED DEGRADATION. TO BE REPLACED BY AN INSTRUMENT TESTED BY ACCELERATED AGING AND ELEVATED TEMPERATURE (P.O.43901).
B) SPECIFIED TEMPERATURE EXCEEDS QUALIFICATION TEMPERATURE FOR LESS THAN 1 MINUTE.

24030
RC

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR COOLANT	OPERATIONAL TIME	1/2 HOUR	2 HOURS	35	71	SIMULT	NONE
PLANT ID NO: 24031 #	TEMPERATURE DEG. F.	293 120 (HELB)	NOTE B 288	1 114	71	SIMULT	NONE
COMPONENT: LEVEL TRANSMITTER	PRESSURE PSIA	60.7 13.7-15.7 HEIB	74.7	2,3 114	71	SIMULT	NONE
MANUFACTURER: BARTON							
MODEL NUMBER: 386/351	RELATIVE HUMIDITY PCT	100% 10-80% (HELB)	100%	2 113	71	SIMULT	NONE
FUNCTION: LEVEL TRANSMITTER ON PRZR-1B	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH N/A (HELB)	PH = 9.25 1.5% H3BO3	4,5,118 N/A	71	SIMULT	NONE
SERVICE: PRESSURIZER LEVEL	RADIATION RADS	5E7 GAMMA 2E6 BETA 5E7 GAMMA, HELB	2E8	2,6,7,8 2,6,7,8,115	71	SEPARATE	NONE
LOCATION: GRID 13/112/611 RX BLDG	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: 600' (N/A, HEIB) ABOVE FLOOD LEVEL: YES, (N/A, HEIB)	SUBMERGENCE	NOT REQUIRED NOT REQ (HELB)	N/A N/A	9 N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,R)
HELB YES (R)

NOTES:

A) QUALIFICATION DATA EXISTS FOR ALL PARAMETERS EXCEPT AGING. MAINTENANCE HISTORY INDICATES NO AGE-RELATED DEGRADATION. TO BE REPLACED BY AN INSTRUMENT TESTED BY ACCELERATED AGING AND ELEVATED TEMPERATURE (E.O.43901).
B) SPECIFIED TEMPERATURE EXCEEDS QUALIFICATION TEMPERATURE FOR LESS THAN 1 MINUTE.

24031
RC

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR COOLANT	OPERATIONAL TIME	1/2 HOUR	2 HOURS	35	71	SIMULT	NONE
PLANT ID NO: 24032 #	TEMPERATURE DEG. F.	293 120 (HELB)	NOTE B 288	1 114	71	SIMULT	NONE
COMPONENT: LEVEL TRANSMITTER	PRESSURE PSIA	60.7 13.7-15.7 HELB	74.7	2,3 114	71	SIMULT	NONE
MANUFACTURER: BARTON							
MODEL NUMBER: 386/351	RELATIVE HUMIDITY PCT	100% 10-80% (HELB)	100%	2 113	71	SIMULT	NONE
FUNCTION: LEVEL TRANSMITTER ON PRZR-1A	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NACH N/A (HELB)	PH = 9.25 1.5% H3BO3	4,5,118 N/A	71	SIMULT	NONE
SERVICE: PRESSURIZER LEVEL	RADIATION RADS	5E7 GAMMA 2E6 BETA 5E7 GAMMA, HELB	2E8	2,6,7,8 2,6,7,8,115	71	SEPARATE	NONE
LOCATION: GRID 17/98/611 FX BLDG	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: 600' (N/A, HELB) ABOVE FLOOD LEVEL: YES, (N/A, HELB)	SUBMERGENCE	NOT REQUIRED NOT REQ (HELB)	N/A N/A	9 N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,R)
HELB YES (R)

NOTES:

A) QUALIFICATION DATA EXISTS FOR ALL PARAMETERS EXCEPT AGING. MAINTENANCE HISTORY INDICATES NO AGE-RELATED DEGRADATION. TO BE REPLACED BY AN INSTRUMENT TESTED BY ACCELERATED AGING AND ELEVATED TEMPERATURE (P.O.43901).
B) SPECIFIED TEMPERATURE EXCEEDS QUALIFICATION TEMPERATURE FOR LESS THAN 1 MINUTE.

24032
RC

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: CHEMICAL & VOL. CONTROL	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 24038	TEMPERATURE DEG. F.	60-104	N/A	111	N/A	N/A	NONE
COMPONENT: LEVEL TRANSMITTER	PRESSURE PSIA	13.7-15.7	N/A	111	N/A	N/A	NONE
MANUFACTURER: BARTON							
MODEL NUMBER: 332/305/351	RELATIVE HUMIDITY PCT	10-80%	N/A	111	N/A	N/A	NONE
FUNCTION: EA TNK 1A L XMTR	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: LT-196	RADIATION RADS	<2E4	N/A	117	N/A	N/A	NONE
LOCATION: GRID H.5/6.2/638 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

24038
CVC

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: CHEMICAL & VOL. CONTROL	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 24039	TEMPERATURE DEG. F.	60-104	N/A	111	N/A	N/A	NONE
COMPONENT: LEVEL TRANSMITTER	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: BARTON							
MODEL NUMBER: 332/305/351	RELATIVE HUMIDITY PCT	10-80%	N/A	111	N/A	N/A	NONE
FUNCTION: BA TNK 1B L XMTR	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: LT-197	RADIATION RADS	<2E4	N/A	117	N/A	N/A	NONE
LOCATION: GRID H.5/5.1/638 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

24039
CVC

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: RESIDUAL HEAT REMOVAL	OPERATIONAL TIME	30 DAYS	>2 YEARS	35	137	TEST/ANALY	NONE
PLANT ID NO: 24062 #	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LEVEL TRANSMITTER	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: BARTON							
MODEL NUMBER: 332	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: REFUELING WATER STORAGE TANK	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: LIT-921	RADIATION RADS	5.6E6	2E8	41	71	TYPE TEST	NONE
LOCATION: GRID G.9/5.8/591 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (H)

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

24062
RHR

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT	PRIMARY CONTAINMENT	INSIDE	SYSTEM
1	BETTIS	31038-L	RX 321	LIMIT SWITCH		NO	ACTIVE STATUS PANEL
2	BETTIS	31040-L	RX 321	LIMIT SWITCH		NO	ACTIVE STATUS PANEL
3	BETTIS	31123-L	RX-321	LIMIT SWITCH		NO	REACTOR BUILDING VENTILATION
4	BETTIS	31123-L	RX-321	LIMIT SWITCH		NO	ACTIVE STATUS PANEL
5	BETTIS	31124-L	RX-321	LIMIT SWITCH		YES	REACTOR BUILDING VENTILATION
6	BETTIS	31124-L	RX-321	LIMIT SWITCH		YES	ACTIVE STATUS PANEL
7	BETTIS	31125-L	RX-321	LIMIT SWITCH		NO	REACTOR BUILDING VENTILATION
8	BETTIS	31125-L	RX-321	LIMIT SWITCH		NO	ACTIVE STATUS PANEL
9	BETTIS	31126-L	RX-321	LIMIT SWITCH		YES	REACTOR BUILDING VENTILATION
10	BETTIS	31126-L	RX-321	LIMIT SWITCH		YES	ACTIVE STATUS PANEL

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 31038-L	TEMPERATURE DEG. F.	60-120	N/A	44	N/A	N/A	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: BETTIS							
MODEL NUMBER: RX 321	RELATIVE HUMIDITY PCT	10-80%	N/A	44,43	N/A	N/A	NONE
FUNCTION: SW PMP EDR 1A 150 CV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: SCREENHOUSE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO

NOTES:

A) CONTROL ROOM INDICATION ONLY; IF THEY SHOULD FAIL, THEY WILL BE REPLACED WITH QUALIFIED UNITS.

449100105
ASP

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 31040-L	TEMPERATURE DEG. F.	60-120	N/A	44	N/A	N/A	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: BETTIS							
MODEL NUMBER: RX 321	RELATIVE HUMIDITY PCT	10-80%	N/A	44,43	N/A	N/A	NONE
FUNCTION: SW PMP HDR 2B 150 CV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: SCREENHOUSE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:

A) CONTROL ROOM INDICATION ONLY; IF THEY SHOULD FAIL, THEY WILL BE REPLACED WITH QUALIFIED UNITS.

449100106
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR BUILDING VENTILATION	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 31123-L	TEMPERATURE DEG. F.	160	NOTE A	53	NOTE A	NOTE A	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	13.7-15.7	N/A	53	N/A	N/A	NONE
MANUFACTURER: BETTIS							
MODEL NUMBER: RX-321	RELATIVE HUMIDITY PCT	100%	NOTE A	53	NOTE A	NOTE A	NONE
FUNCTION: CONTAINMENT VALVE ISOLATION	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL	RADIATION RADS	6.5E6	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: GRID 2.5/103/666 ANNULUS	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:

LOCA YES (T,H,R)

NOTES:

A) THE PROBABILITY OF THE POSTULATED LOCA OR HELB OCCURRING COUPLED WITH A FAILURE OF ONE OR BOTH OF THESE LIMIT SWITCHES AND THAT THEY WOULD FAIL SIMULTANEOUSLY AND NOT FUNCTION AS DESIGNED FOR THAT EVENT PRIOR TO BEING REPLACED IS EXTREMELY REMOTE.
B) TO BE REPLACED WITH QUALIFIED NAMCO SWITCH (P.O.43924).

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 31123-L	TEMPERATURE DEG. F.	160	NOTE A	53	NOTE A	NOTE A	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	13.7-15.7	N/A	53	N/A	N/A	NONE
MANUFACTURER: BETTIS							
MODEL NUMBER: EX-321	RELATIVE HUMIDITY PCT	100%	NOTE A	53	NOTE A	NOTE A	NONE
FUNCTION: CNTMT ISOL VLV RBV 4	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	6.5E6	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: GRID 2.5/103/666 ANNULUS	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: YES	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,H,B)

NOTES:

A) THE PROBABILITY OF THE POSTULATED LOCA OR HELB OCCURRING COUPLED WITH A FAILURE OF ONE OR BOTH OF THESE LIMIT SWITCHES AND THAT THEY WOULD FAIL SIMULTANEOUSLY AND NOT FUNCTION AS DESIGNED FOR THAT EVENT PRIOR TO BEING REPLACED IS EXTREMELY REMOTE.

B) TO BE REPLACED WITH QUALIFIED NAMCO SWITCH (P.O.43924).

449110404
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR BUILDING VENTILATION	OPERATIONAL TIME	1 YEAR	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 31124-L	TEMPERATURE DEG. F.	293	NOTE A	1	NOTE A	NOTE A	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	60.7	NOTE A	2,3	NOTE A	NOTE A	NONE
MANUFACTURER: BETTIS							
MODEL NUMBER: RX-321	RELATIVE HUMIDITY PCT	100%	NOTE A	2	NOTE A	NOTE A	NONE
FUNCTION: CONTAINMENT ISOLATION INSIDE VESSEL EXH CV	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	NOTE A	4,5,118	NOTE A	NOTE A	NONE
SERVICE: CONTROL	RADIATION RADS	5E7 GAMMA 2E6 BETA	NOTE A	2,6,7,8	NOTE A	NOTE A	NONE
LOCATION: GRID 2.5/103/666 RX BLDG	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,R)

NOTES:

A) THE PROBABILITY OF THE POSTULATED LOCA OR HELB OCCURRING COUPLED WITH A FAILURE OF ONE OR BOTH OF THESE LIMIT SWITCHES AND THAT THEY WOULD FAIL SIMULTANEOUSLY AND NOT FUNCTION AS DESIGNED FOR THAT EVENT PRIOR TO BEING REPLACED IS EXTREMELY REMOTE.

B) TO BE REPLACED WITH QUALIFIED NAMCO SWITCH (P.O.43924) AND CONAX CONNECTOR.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	1 YEAR	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 31124-L	TEMPERATURE DEG. F.	293	NOTE A	1	NOTE A	NOTE A	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	60.7	NOTE A	2,3	NOTE A	NOTE A	NONE
MANUFACTURER: BETTIS							
MODEL NUMBER: BX-321	RELATIVE HUMIDITY PCT	100%	NOTE A	2	NOTE A	NOTE A	NONE
FUNCTION: CNTMT ISOL INSIDE VESSEL EXH CV REV3	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	NOTE A	4,5,118	NOTE A	NOTE A	NONE
SERVICE: CONTROL ROOM ANNUNCIATOR	RADIATION RADS	5E7 GAMMA 2E6 BETA	NOTE A	2,6,7,8	NOTE A	NOTE A	NONE
LOCATION: GRID 2.5/103/666 BX BLDG	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,R)

NOTES:

A) THE PROBABILITY OF THE POSTULATED LOCA OR HELB OCCURRING COUPLED WITH A FAILURE OF ONE OR BOTH OF THESE LIMIT SWITCHES AND THAT THEY WOULD FAIL SIMULTANEOUSLY AND NOT FUNCTION AS DESIGNED FOR THAT EVENT PRIOR TO BEING REPLACED IS EXTREMELY REMOTE.
B) TO BE REPLACED WITH QUALIFIED NAMCO SWITCH (P.O. 43924) AND CONAX CONNECTOR.

449110403
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR BUILDING VENTILATION PLANT ID NO: 31125-L COMPONENT: LIMIT SWITCH MANUFACTURER: BETTIS MODEL NUMBER: RX-321 FUNCTION: CONTAINMENT ISOL. OUTSIDE VESSEL SPLY CV SERVICE: CONTROL LOCATION: GRID 2.5/109/666 ANNULUS FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	NONE
	TEMPERATURE DEG. F.	160	NOTE A	53	NOTE A	NOTE A	NONE
	PRESSURE PSIA	13.7-15.7	N/A	53	N/A	N/A	NONE
	RELATIVE HUMIDITY PCT	100%	NOTE A	53	NOTE A	NOTE A	NONE
	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
	RADIATION RADS	6.5E6	NOTE A	41	NOTE A	NOTE A	NONE
	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (T,H,R)

NOTES:

A) THE PROBABILITY OF THE POSTULATED LOCA OR HELB OCCURRING COUPLED WITH A FAILURE OF ONE OR BOTH OF THESE LIMIT SWITCHES AND THAT THEY WOULD FAIL SIMULTANEOUSLY AND NOT FUNCTION AS DESIGNED FOR THAT EVENT PRIOR TO BEING REPLACED IS EXTREMELY REMOTE.
B) TO BE REPLACED WITH QUALIFIED NAMCO SWITCH (P.O. 43924).

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 31125-L	TEMPERATURE DEG. F.	160	NOTE A	53	NOTE A	NOTE A	NONE
COMPONENT: LIMIT SWITCH MANUFACTURER: BETTIS	PRESSURE PSIA	13.7-15.7	N/A	53	N/A	N/A	NONE
MODEL NUMBER: BX-321	RELATIVE HUMIDITY PCT	100%	NOTE A	53	NOTE A	NOTE A	NONE
FUNCTION: CNTMT ISOL VLV RBV 1	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	6.5E6	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: GRID 2.5/109/666 ANNULUS	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: YES	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,H,R)

NOTES:

A) THE PROBABILITY OF THE POSTULATED LOCA OR BEIB OCCURRING COUPLED WITH A FAILURE OF ONE OR BOTH OF THESE LIMIT SWITCHES AND THAT THEY WOULD FAIL SIMULTANEOUSLY AND NOT FUNCTION AS DESIGNED FOR THAT EVENT PRIOR TO BEING REPLACED IS EXTREMELY REMOTE.
B) TO BE REPLACED WITH QUALIFIED NAMCO SWITCH (P.O.43924).

8411040109
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR BUILDING VENTILATION	OPERATIONAL TIME	1 YEAR	NOTE B	35	NOTE A	NOTE A	NONE
PLANT ID NO: 31126-L	TEMPERATURE DEG. F.	293	NOTE B	1	NOTE A	NOTE A	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	60.7	NOTE A	2,3	NOTE A	NOTE A	NONE
MANUFACTURER: BETTIS							
MODEL NUMBER: BX-321	RELATIVE HUMIDITY PCT	100%	NOTE A	2	NOTE A	NOTE A	NONE
FUNCTION: CONTAINMENT ISOL. INSIDE VESSEL SPLY CV	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	NOTE A	4,5,118	NOTE A	NOTE A	NONE
SERVICE: CONTROL	RADIATION RADS	5E7 GAMMA 2E6 BETA	NOTE A	2,6,7,8	NOTE A	NOTE A	NONE
LOCATION: GRID 2.5/109/666 RX BLDG	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,B)

NOTES:

A) THE PROBABILITY OF THE POSTULATED LOCA OR HELB OCCURRING COUPLED WITH A FAILURE OF ONE OR BOTH OF THESE LIMIT SWITCHES AND THAT THEY WOULD FAIL SIMULTANEOUSLY AND NOT FUNCTION AS DESIGNED FOR THAT EVENT PRIOR TO BEING REPLACED IS EXTREMELY REMOTE.

B) TO BE REPLACED WITH QUALIFIED NAMCO SWITCH (P.C. 43924) AND CONAX CONNECTOR.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	1 YEAR	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 31126-L	TEMPERATURE DEG. F.	293	NOTE A	1	NOTE A	NOTE A	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	60.7	NOTE A	2,3	NOTE A	NOTE A	NONE
MANUFACTURER: BETTIS							
MODEL NUMBER: RX-321	RELATIVE HUMIDITY PCT	100%	NOTE A	2	NOTE A	NOTE A	NONE
FUNCTION: CNTMT ISOL VLV RBV 2	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	NOTE A	4,5,118	NOTE A	NOTE A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	5E7 GAMMA 2E6 BETA	NOTE A	2,6,7,8	NOTE A	NOTE A	NONE
LOCATION: GRID 2.5/109/666 RX BLDG	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,R)

NOTES:

A) THE PROBABILITY OF THE POSTULATED LOCA OR HELB OCCURRING COUPLED WITH A FAILURE OF ONE OR BOTH OF THESE LIMIT SWITCHES AND THAT THEY WOULD FAIL SIMULTANEOUSLY AND NOT FUNCTION AS DESIGNED FOR THAT EVENT PRIOR TO BEING REPLACED IS EXTREMELY REMOTE.
B) TO BE REPLACED WITH QUALIFIED NAMCO SWITCH (P.O.43924) AND CONAX CONNECTOR.

449110402
ASP

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT	INSIDE PRIMARY CONTAINMENT	SYSTEM
1	BOSTON INSULATE WIRE	BIW-1	BOSTRAD 7	CONTROL CABLE	YES	MISCELLANEOUS

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MISCELLANEOUS	OPERATIONAL TIME	1 YEAR	1 YEAR	35	74	TYPE TEST/ ANALYSIS	NONE
PLANT ID NO: BIW-1	TEMPERATURE DEG. F.	293	318	1	12	SIMULT	NONE
COMPONENT: CONTROL CABLE	PRESSURE PSIA	60.7	90	2,3	12	SIMULT	NONE
MANUFACTURER: BOSTON INSULATE WIRE							
MODEL NUMBER: BOSTRAD 7	RELATIVE HUMIDITY PCT	100%	100%	2	12	SIMULT	NONE
FUNCTION: VARIOUS	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.0 BA W/NAOH	4,5,118	13	SEQUENT NOTE A	NONE
SERVICE: ELECTRICAL POWER	RADIATION RADS	5E7 GAMMA 2E6 BETA	1E8 GAMMA >2E6 BETA	2,6,7,8	13,74,101	TEST/ANALY	NONE
LOCATION: RX BLDG & AUX BLDG	AGING	40 YEARS	40 YEARS	2	12	SEPARATE	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: NO	SUBMERGENCE	REQUIRED	YES,NOTE A	9	12,74	SEPARATE	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (T,P,H,CS,R,S)

NOTES:
A) IRRADIATED SAMPLES IMMERSED IN ELEVATED TEMPERATURE SOLUTION FOR 24 HOURS.

BIW-1
MISC

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT PRIMARY	INSIDE CONTAINMENT	SYSTEM
1	BRIGGS ELECTRIC	1E-0242	BUILT PER SPEC	AUX RELAY PANEL	NO	RELAY ROOM LOCATED EQUIPMENT
2	BRIGGS ELECTRIC	1E-0243	BUILT PER SPEC	AUX RELAY PANEL	NO	RELAY ROOM LOCATED EQUIPMENT
3	BRIGGS ELECTRIC	1E-0269	BUILT PER SPEC	FUSE PANEL	NO	RELAY ROOM LOCATED EQUIPMENT
4	BRIGGS ELECTRIC	1E-0270	BUILT PER SPEC	FUSE PANEL	NO	RELAY ROOM LOCATED EQUIPMENT
5	BRIGGS ELECTRIC	1E-0272	BUILT PER SPEC	FUSE PANEL	NO	RELAY ROOM LOCATED EQUIPMENT
6	BRIGGS ELECTRIC	1E-0273	BUILT PER SPEC	FUSE PANEL	NO	RELAY ROOM LOCATED EQUIPMENT
7	BRIGGS ELECTRIC	1E-0274	BUILT PER SPEC	FUSE PANEL	NO	RELAY ROOM LOCATED EQUIPMENT
8	BRIGGS ELECTRIC	1E-0275	BUILT PER SPEC	FUSE PANEL	NO	RELAY ROOM LOCATED EQUIPMENT
9	BRIGGS ELECTRIC	1E-0575	BUILT PER SPEC	LOGIC PANEL	NO	AUX. BLDG. SPECIAL VENT
10	BRIGGS ELECTRIC	1E-0576	BUILT PER SPEC	LOGIC PANEL	NO	AUX. BLDG. SPECIAL VENT

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

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REVISED 04/01/82

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EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: RELAY ROOM LOCATED EQUIPMENT	OPERATIONAL TIME	1 YEAR	N/A	41	N/A	N/A	NONE
PLANT ID NO: 1E-0242	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: AUX RELAY PANEL	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: BRIGGS ELECTRIC							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: BR143 AUX RELAY BACK TRAIN A ACTUATION & CONTROL	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ENGINEERED SAFEGUARD & REACTOR PROTECTION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: RELAY ROOM	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

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REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: RELAY ROOM LOCATED EQUIPMENT	OPERATIONAL TIME	1 YEAR	N/A	41	N/A	N/A	NONE
PLANT ID NO: 1E-0243	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: AUX RELAY PANEL	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: BRIGGS ELECTRIC							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: RR144 AUX RELAY RACK TRAIN B ACTUATION & CONTROL	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ENGINEERED SAFEGUARD & REACTOR PROTECTION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: RELAY ROOM	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: RELAY ROOM LOCATED EQUIPMENT	OPERATIONAL TIME	1 YEAR	N/A	41	N/A	N/A	NONE
PLANT ID NO: 1E-0269	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: FUSE PANEL	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: BRIGGS ELECTRIC							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: BR170 SAFEGUARD 5 DIST (AC) ACTUATION & CONTROL	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ENGINEERED SAFEGUARD & REACTOR PROTECTION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: RELAY ROOM	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HABSH:

LOCA NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: RELAY ROOM LOCATED EQUIPMENT	OPERATIONAL TIME	1 YEAR	N/A	41	N/A	N/A	NONE
PLANT ID NO: 1E-0270	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: FUSE PANEL	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: ERIGGS ELECTRIC							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: BR171 SAFEGUARD 5 DIST (DC) ACTUATION & CONTROL	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ENGINEERED SAFEGUARD & REACTOR PROTECTION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: RELAY ROOM	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL.	OUTSTANDING
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.	METHOD	ITEMS
SYSTEM: RELAY ROOM LOCATED EQUIPMENT	OPERATIONAL TIME	1 YEAR	N/A	41	N/A	N/A	NONE
PLANT ID NO: 1E-0272	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: FUSE PANEL	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: BRIGGS ELECTRIC							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: RR 173 SUB-DIST 120V AC FUSE PANEL NORMAL	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SUB-DISTRIBUTION	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: RELAY ROOM	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

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UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: RELAY BOOM LOCATED EQUIPMENT	OPERATIONAL TIME	1 YEAR	N/A	41	N/A	N/A	NONE
PLANT ID NO: 1E-0273	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: FUSE PANEL	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: BRIGGS ELECTRIC							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: RR 174 SUB-DIST 125V DC FUSE PANEL NORMAL	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SUB-DISTRIBUTION	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: RELAY ROOM	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1E-0273
RRM

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: RELAY RCOM LOCATED EQUIPMENT	OPERATIONAL TIME	1 YEAR	N/A	41	N/A	N/A	NONE
PLANT ID NO: 1E-0274	TEMPERATURE DEG. F.	70-85 70-85 (HELB)	N/A N/A	40 40	N/A N/A	N/A N/A	NONE
COMPONENT: FUSE PANEL	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	40 40	N/A N/A	N/A N/A	NONE
MANUFACTURER: BRIGGS ELECTRIC							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-40% 10-40% (HELB)	N/A N/A	40 40	N/A N/A	N/A N/A	NONE
FUNCTION: RR175 SAFEGUARD 6 DIST (AC) ACTUATION & CONTROL	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ENGINEERED SAFEGUARD & REACTOR PROTECTION	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	111,119 119	N/A N/A	N/A N/A	NONE
LOCATION: RELAY ROOM	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: RELAY ROOM LOCATED EQUIPMENT	OPERATIONAL TIME	1 YEAR	N/A	41	N/A	N/A	NONE
PLANT ID NO: 1E-0275	TEMPERATURE DEG. F.	70-85 70-85 (HELB)	N/A N/A	40 40	N/A N/A	N/A N/A	NONE
COMPONENT: FUSE PANEL	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	40 40	N/A N/A	N/A N/A	NONE
MANUFACTURER: BRIGGS ELECTRIC							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-40% 10-40% (HELB)	N/A N/A	40 40	N/A N/A	N/A N/A	NONE
FUNCTION: RR176 SAFEGUARD 6 DIST (DC) ACTUATION & CONTROL	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ENGINEERED SAFEGUARD & REACTOR PROTECTION	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	111,119 119	N/A N/A	N/A N/A	NONE
LOCATION: RELAY ROOM	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

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UNIT: KEWAUNEE

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EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 1E-0575	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LOGIC PANEL	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: BRIGGS ELECTRIC							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: STM EXCL LOGIC PANEL 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: FR 101 STEAM EXCLUSION ACTUATION	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: GRID H.0/4.2/642 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

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UNIT: KEWAUNEE

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EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 1E-0576	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LOGIC PANEL	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: BRIGGS ELECTRIC							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: STM EXCL LOGIC PANEL 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: FR 102STEAM EXCLUSION ACTUATION	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: GRID H.0/3.8/642 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT PRIMARY	INSIDE CONTAINMENT	SYSTEM
1	C & D	1E-0532-A	ARR130HK150F3E	BATTERY CHARGER BRA-108	NO	D.C. AUXILIARIES/ EMERGENCY A.C.
2	C & D	1E-0532-B	ARR130HK150F3E	BATTERY CHARGER BRB-108	NO	D.C. AUXILIARIES/ EMERGENCY A.C.
3	C & D	1E-0539-A	LCU-25	125V BATTERY BRA-101	NO	D.C. AUXILIARIES/ EMERGENCY A.C.
4	C & D	1E-0539-B	LCU-25	125V BATTERY BRB-101	NO	D.C. AUXILIARIES/ EMERGENCY A.C.

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -I LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

SYSTEM COMPONENT EVAIUATION WORKSHEET

UNIT: KEWAUNEE

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EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: D.C. AUXILIARIES/ EMERGENCY A.C.	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0532-A	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: BATTERY CHARGER BRA-108 MANUFACTURER: C & D	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MODEL NUMBER: ARR130HK150F3E	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: CHARGE BATTERIES	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SAFEGUARD 125VDC/ 120VAC INSTR POWER	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 111,119	N/A N/A	N/A N/A	NONE
LOCATION: BATTERY ROOM A TURB BLDG.	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

1E-0532-A
DC-AUX

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: D.C. AUXILIARIES/ EMERGENCY A.C.	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0532-B	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: BATTERY CHARGER BRE-108 MANUFACTURER: C & D	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MODEL NUMBER: ARR130HK150F3E	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: CHARGE BATTERIES	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SAFEGUARD 125VDC/ 120VAC INSTR POWER	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 119	N/A N/A	N/A N/A	NONE
LOCATION: BATTERY ROOM E TURB BLDG.	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: D.C. AUXILIARIES/ EMERGENCY A.C. PLANT ID NO: 1E-0539-A COMPONENT: 125V BATTERY ERA-101 MANUFACTURER: C & D MODEL NUMBER: LCU-25 FUNCTION: PROVIDE DC POWER SERVICE: SAFEGUARD 125VDC/ 120VAC INSTR POWER LOCATION: BATTERY ROOM A TURB BLDG FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 111,119	N/A N/A	N/A N/A	NONE
	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: D.C. AUXILIARIES/ EMERGENCY A.C.	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0539-B	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: 125V BATTERY BRE-101	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MANUFACTURER: C & D							
MODEL NUMBER: LCU-25	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: PROVIDE DC POWER	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SAFEGUARD 125VDC/ 120VAC INSTR POWER	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 111,119	N/A N/A	N/A N/A	NONE
LOCATION: BATTERY ROOM B TURB BLDG	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT PRIMARY	INSIDE CONTAINMENT	SYSTEM
1	CHEVRON	CHE-1	ERE-2 SRI-2	LUBRICATION GREASE	YES	MISCELLANEOUS

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MISCELLANEOUS	OPERATIONAL TIME	1 YEAR	1 YEAR	35	16	SIMULT	NONE
PLANT ID NO: CHE-1	TEMPERATURE DEG. F.	293	350	1	17	SEPARATE	NONE
COMPONENT: LUBRICATION GREASE	PRESSURE PSIA	60.7	89.7	2,3	16	SIMULT	NONE
MANUFACTURER: CHEVRON							
MODEL NUMBER: ERB-2 SRI-2	RELATIVE HUMIDITY PCT	100%	100%	2	16	SIMULT	NONE
FUNCTION: FAN MOTORS	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NACH	PH = 8.9 NOTE A	4,5,118	16,122	SEPARATE/ CALC	NONE
SERVICE: LUBRICATION	RADIATION RADS	5E7 GAMMA 2E6 BETA	2E8 GAMMA >2E6 BETA	2,6,7,8	17,101	TEST/ANALY	NONE
LOCATION: RX BLDG	AGING	N/A	N/A	N/A	N/A	N/A	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,R,S)

NOTES:

ENGINEERING EVALUATION(THIS GREASE IS USED IN THE CONTAINMENT FAN COIL UNITS AND THE DOME VENTILATION FANS (LISTED IN MFGS:RELIANCE #'S 1-120,1-121,1-156,1-157,1-583, & 1-584) AND HAS BEEN QUALIFIED ALONG WITH THEM. AGING DOES NOT APPLY SINCE IT IS CHANGED ON A REGULAR BASIS.
A) 4 PPM KOH, 0.1% NAOH (WEIGHT), 1% NA 25203 (WEIGHT), 10,000 PPM BA.

CHE-1
MISC

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT PRIMARY	INSIDE CONTAINMENT	SYSTEM
1	CHROMALOX	1-238		CARBON FILTER ELECTRIC HEATER	NO	SHIELD BUILDING VENTILATION
2	CHROMALOX	1-239		CARBON FILTER ELECTRIC HEATER	NO	SHIELD BUILDING VENTILATION
3	CHROMALOX	1-449		ELECTRIC HEATER	NO	AUX. BLDG. SPECIAL VENT
4	CHROMALOX	1-450		ELECTRIC HEATER	NO	AUX. BLDG. SPECIAL VENT

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SHIELD BUILDING VENTILATION	OPERATIONAL TIME	1 YEAR	1 YEAR	35	132	ANALYSIS	NONE
PLANT ID NO: 1-238	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: CARBON FILTER ELECTRIC HEATER MANUFACTURER: CHROMALOX	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MODEL NUMBER:	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SHIELD BUILDING FILTER ASS'Y 1A HEATING COIL	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DEHUMIDIFICATION	RADIATION RADS	3.2E6	N/A, NOTE A	41	132	ANALYSIS	NONE
LOCATION: GRID G.4/4.3/643 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	132	ANALYSIS	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

A) THIS DEVICE CONSISTS OF INORGANIC MATERIALS AND ARE NOT SUBJECT TO RADIATION DEGRADATION.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SHIELD BUILDING VENTILATION	OPERATIONAL TIME	1 YEAR	1 YEAR	35	132	ANALYSIS	NONE
PLANT ID NO: 1-239	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: CARBON FILTER ELECTRIC HEATER MANUFACTURER: CHROMALOX	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MODEL NUMBER:	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SHIELD BUILDING FILTER ASS'Y 1B HEATING COIL SERVICE: DEHUMIDIFICATION	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
	RADIATION RADS	3.2E6	N/A, NOTE A	41	132	ANALYSIS	NONE
LOCATION: GRID G.4/4.6/643 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	132	ANALYSIS	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIELIOGRAPY

HARSH:

LOCA YES (B)

NOTES:

A) THIS DEVICE CONSISTS OF INORGANIC MATERIALS AND ARE NOT SUBJECT TO RADIATION DEGRADATION.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	1 YEAR	2	132	ANALYSIS	NONE
PLANT ID NO: 1-449	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: ELECTRIC HEATER	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: CHROMALOX							
MODEL NUMBER:	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ZONE SV EXH. FILTER ASSY. 1A CARBON FILTER HEATER	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DEHUMIDIFICATION	RADIATION RADS	3.2E6	N/A, NOTE A	41	132	ANALYSIS	NONE
LOCATION: GRID GW.H/7.8/657.5 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	132	ANALYSIS	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (B)

NOTES:

A) THIS DEVICE CONSISTS OF INORGANIC MATERIALS AND ARE NOT SUBJECT TO RADIATION DEGRADATION.

1-449
ABSV

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	1 YEAR	2	132	ANALYSIS	NONE
PLANT ID NO: 1-450	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: ELECTRIC HEATER	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: CHROMALOX							
MODEL NUMBER:	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ZONE SV EXH. FILTER ASSY. 1B CARBON FILTER HEATER	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DEHUMIDIFICATION	RADIATION RADS	3.2E6	N/A, NOTE A	41	132	ANALYSIS	NONE
LOCATION: GRID GW.H/6.7/657.5 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	132	ANALYSIS	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (8)

NOTES:

A) THIS DEVICE CONSISTS OF INORGANIC MATERIALS AND ARE NOT SUBJECT TO RADIATION DEGRADATION.

1-45C
ABSV

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT PRIMARY	INSIDE CONTAINMENT	SYSTEM
1	CLARK	1-107-52A-A	PM	AUX RELAY IN PANEL DR 103 TRAIN A	NO	ACTIVE STATUS PANEL
2	CLARK	1-126-42A-A	504-2-76	AUX RELAY IN MCC 1-52F	NO	ACTIVE STATUS PANEL
3	CLARK	1-131-42A-A	PM-504-2	AUX RELAYS (3) IN MCC 1-52E	NO	ACTIVE STATUS PANEL
4	CLARK	1-136-42A-A	PM	AUX RELAYS IN MCC 1-62E	NO	ACTIVE STATUS PANEL
5	CLARK	1-144-42A-A	PM	AUX RELAY IN MCC 1-62F	NO	ACTIVE STATUS PANEL
6	CLARK	1-148--52A-A	PM	AUX RELAY IN PANEL DR 113 TRAIN B	NO	ACTIVE STATUS PANEL
7	CLARK	1-16104-52A-A	PM 506	AUX RELAY/AUX RELAY BACK BR 144 TRAIN B	NO	ACTIVE STATUS PANEL
8	CLARK	1-164-42A-A	PM	AUX RELAYS(2) IN MCC 1-52E	NO	ACTIVE STATUS PANEL
9	CLARK	1-183-42A-A	PM	AUX RELAYS(2) IN MCC 1-62E	NO	ACTIVE STATUS PANEL
10	CLARK	1-201-42A-A	PM	AUX RELAY IN MCC 1-52A	NO	ACTIVE STATUS PANEL
11	CLARK	1-211-42A-A	PM	AUX RELAY IN MCC 1-62E	NO	ACTIVE STATUS PANEL
12	CLARK	1-298-42A-A	PM 504#2	AUX RELAYS (2) IN MCC 1-52E	NO	ACTIVE STATUS PANEL
13	CLARK	1-299-42A-A	PM	AUX RELAYS (2) IN MCC 1-62E	NO	ACTIVE STATUS PANEL
14	CLARK	1-601-42A-A	PM-504-2	AUX RELAYS (2) IN MCC 1-52F	NO	ACTIVE STATUS PANEL

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -I LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT PRIMARY	INSIDE CONTAINMENT	SYSTEM
15	CLARK	1-602-42A-A	PM-504-2AND 502	AUX RELAYS (2) IN MCC 1-62F	NO	ACTIVE STATUS PANEL
16	CLARK	1-667-42A-A	PM	AUX RLY (2)/AUX RLAY BACK RR143 TRAIN A	NO	ACTIVE STATUS PANEL
17	CLARK	1-668-42A-A	PM	AUX CONTACTS (2) TO MCC1-62C /AUX RELAY BACK RR144 TRAIN B	NO	ACTIVE STATUS PANEL
18	CLARK	42AX/1-583-A	PM 504	AUX CONTACT IN MCC 1-52B	NO	ACTIVE STATUS PANEL
19	CLARK	42AX/1-584-A	504-1PM	AUX CONTACT IN MCC 1-62B	NO	ACTIVE STATUS PANEL
20	CLARK	52X/15104-1	PM 506	AUX RELAY/AUX RELAY BACK RR143 TRAIN A	NO	ACTIVE STATUS PANEL

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-107-52A-A	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: AUX RELAY IN PANEL DR 103 TRAIN A	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: CLARK							
MODEL NUMBER: PM	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CNTMT SPRAY PMP 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	N/A	N/A	N/A	N/A	NONE
LOCATION: D/G ROOM AE 5	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

4491012O1
ASP

SYSTEM COMPONENT EVAIUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	12 MONTHS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-126-42A-A	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: AUX RELAY IN MCC 1-52F MANUFACTUBER: CLARK	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MODEL NUMBER: 504-2-76	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: SV EXG FAB 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID G.5/7.6/642 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

4491C0805
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-131-42A-A	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: AUX RELAYS (3) IN MCC 1-52E	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: CLARK							
MODEL NUMBER: PM-504-2	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: MEZZ FAN COIL 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL RCOM ANNUNCIATION	RADIATION RADS	<1E4	N/A	41	N/A	N/A	NONE
LOCATION: GRID H.9/8.0/586 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:

LOCA NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

4491CC403
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	1 YEAR	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 1-136-42A-A	TEMPERATURE DEG. F.	60-104	NOTE A	37,38	NOTE A	NOTE A	NONE
COMPONENT: AUX RELAYS IN MCC 1-62E	PRESSURE PSIA	13.7-15.7	NOTE A	37,38	NOTE A	NOTE A	NONE
MANUFACTURER: CLARK							
MODEL NUMBER: PM	RELATIVE HUMIDITY PCT	10-80%	NOTE A	37,38,43	NOTE A	NOTE A	NONE
FUNCTION: MEZZ FAN COIL 1B	CHEMICAL SPRAY	N/A	NOTE A	N/A	NOTE A	NOTE A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	NOTE A	119	NOTE A	NOTE A	NONE
LOCATION: GRID G.0/6.3/586 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) TO BE REPLACED WITH QUALIFIED RELAY (P.O.43904).

4491CC4C4
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	12 MONTHS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 1-144-42A-A	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: AUX RELAY IN MCC 1-62F	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: CLARK							
MODEL NUMBER: EM	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SV EXC FAN 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL BOOM ANNUNCIATION	RADIATION RADS	3.2E6	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: GRID G.5/3.0/642 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:
A) TO BE REPLACED WITH QUALIFIED MODEL (P.O.43904).

4491CC8C6
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-148--52A-A	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: AUX RELAY IN PANEL DR 113 TRAIN B MANUFACTURER: CLARK	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MODEL NUMBER: BM	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CNTMT SPRAY PMP 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	N/A	N/A	N/A	N/A	NONE
LOCATION: D/G ROOM AE 9	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIELIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

4491012C4
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	1 YEAR	NOTE A	41	NOTE A	NOTE A	NONE
PLANT ID NO: 1-16104-52A-A	TEMPERATURE DEG. F.	70-85	NOTE A	40	NOTE A	NOTE A	NONE
COMPONENT: AUX RELAY/AUX RELAY RACK RR 144 TRAIN B MANUFACTURER: CLARK	PRESSURE PSIA	13.7-15.7	NOTE A	40	NOTE A	NOTE A	NONE
MODEL NUMBER: PM 5U6	RELATIVE HUMIDITY PCT	10-40%	NOTE A	40	NOTE A	NOTE A	NONE
FUNCTION: CNMT FAN COIL 1B	CHEMICAL SPRAY	N/A	NOTE A	N/A	NOTE A	NOTE A	NONE
SERVICE: CONTROL ROOM ANNUNCIATOR	RADIATION RADS	<1E5	NOTE A	119	NOTE A	NOTE A	NONE
LOCATION: RELAY ROOM 606 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO

NOTES:

A) TO BE REPLACED WITH QUALIFIED RELAY (P.O.34215).

4491CC7C4
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-164-42A-A	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: AUX RELAYS(2) IN MCC 1-52E MANUFACTURER: CLARK	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MODEL NUMBER: EM	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: AUX BLDG BSMT FAN COIL 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL RCOM ANNUNCIATION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID H.9/8.0/586 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

4491CC405
ASP

SYSTEM COMPONENT EVAIUATION WOEKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	1 YEAR	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 1-183-42A-A	TEMPERATURE DEG. F.	60-104	NOTE A	37,38	NOTE A	NOTE A	NONE
COMPONENT: AUX RELAYS(2) IN MCC 1-62E MANUFACTURER: CLARK	PRESSURE PSIA	13.7-15.7	NOTE A	37,38	NOTE A	N/A	NONE
MODEL NUMBER: PM	RELATIVE HUMIDITY PCT	10-80%	NOTE A	37,38,43	NOTE A	N/A	NONE
FUNCTION: AUX BLDG BSMT FAN COIL 1E	CHEMICAL SPRAY	N/A	NOTE A N/A	NOTE A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	NOTE A	119	NOTE A	N/A	NONE
LOCATION: GRID 6/6.3/586 AUX BLDG SV ZONE SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO

NOTES:

A) TO BE REPLACED WITH QUALIFIED RELAY (P.O.43904).

4491CC406
ASP

SYSTEM COMPONENT EVAIUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	1 YEAR	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 1-201-42A-A	TEMPERATURE DEG. F.	60-104	NOTE A	44	NOTE A	NOTE A	NONE
COMPONENT: AUX RELAY IN MCC 1-52A	PRESSURE PSIA	13.7-15.7	NOTE A	44	NOTE A	NOTE A	NONE
MANUFACTURER: CLARK							
MODEL NUMBER: PM	RELATIVE HUMIDITY PCT	10-80%	NOTE A	43,44	NOTE A	NOTE A	NONE
FUNCTION: TB FAN COIL 1A ANNUNCIATION	CHEMICAL SPRAY	N/A	NOTE A	N/A	NOTE A	NOTE A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	NOTE A	119	NOTE A	NOTE A	NONE
LOCATION: D/G ROOMS	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) TO BE REPLACED WITH QUALIFIED RELAY (P.O.34215).

4491CC601
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	1 YEAR	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 1-211-42A-A	TEMPERATURE DEG. F.	60-104	NOTE A	37,38	NOTE A	NOTE A	NONE
COMPONENT: AUX RELAY IN MCC 1-62E MANUFACTURER: CLARK	PRESSURE PSIA	13.7-15.7	NOTE A	37,38	NOTE A	NOTE A	NONE
MODEL NUMBER: PM	RELATIVE HUMIDITY PCT	10-80%	NOTE A	37,38,43	NOTE A	NOTE A	NONE
FUNCTION: TB FAN COIL 1B	CHEMICAL SPRAY	N/A	NOTE A	N/A	NOTE A	NOTE A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	NOTE A	119	NOTE A	NOTE A	NONE
LOCATION: GRID G.0/6.3/586 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:

A) TO BE REPLACED WITH QUALIFIED RELAY (P.O.34215).

4491C0602
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-298-42A-A	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: AUX RELAYS (2) IN MCC 1-52E MANUFACTURER: CLARK	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MODEL NUMBER: PM 504+2	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RHR PUMP FAN COIL 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID H.9/8.0/586 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

4491CC5C3
ASP

SYSTEM COMPONENT EVAIUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	1 YEAR	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 1-299-42A-A	TEMPERATURE DEG. F.	60-104	NOTE A	37,38	NOTE A	NOTE A	NONE
COMPONENT: AUX RELAYS (2) IN MCC 1-62E MANUFACTURER: CLARK	PRESSURE PSIA	13.7-15.7	NOTE A	37,38	NOTE A	NOTE A	NONE
MODEL NUMBER: PM	RELATIVE HUMIDITY PCT	10-80%	NOTE A	37,38,43	NOTE A	NOTE A	NONE
FUNCTION: RHR PUMP FAN COIL 1B	CHEMICAL SPRAY	N/A	NOTE A	N/A	NOTE A	NOTE A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	NOTE A	119	NOTE A	NOTE A	NONE
LOCATION: GRID G.0/6.3/586 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO

NOTES:

A) TO BE REPLACED WITH QUALIFIED RELAY (P.O.43904).

4491C0504
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-601-42A-A	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: AUX RELAYS (2) IN MCC 1-52F MANUFACTURER: CLARK	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MODEL NUMBER: PM-504-2	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	NN/A	NONE
FUNCTION: CRDM RM FAN COIL 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID G.5/7.6/642 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

4491C0505
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	1 YEAR	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 1-602-42A-A	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: AUX RELAYS (2) IN MCC 1-62F MANUFACTURER: CLARK	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MODEL NUMBER: PM-504-2AND 502	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CRDM RM FAN COIL 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	3.2E6	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: GRID G.5/3.C/642 AUX BLDG SV ZONE	AGING	NOTE A	NOTE B	NOTE B	NOTE B	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (B)

NOTES:

A) TO BE REPLACED WITH QUALIFIED MODEL (P.O.43904).

4491C0506
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	12 MONTHS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 1-667-42A-A	TEMPERATURE DEG. F.	70-85	NOTE A	40	NOTE A	NOTE A	NONE
COMPONENT: AUX RLY (2)/AUX RLAY RACK RR143 TRAIN A MANUFACTURER: CLARK	PRESSURE PSIA	13.7-15.7	NOTE A	40	NOTE A	NOTE A	NONE
MODEL NUMBER: EM	RELATIVE HUMIDITY PCT	10-40%	NOTE A	40,43	NOTE A	NOTE A	NONE
FUNCTION: BATT RM FAN COIL 1A	CHEMICAL SPRAY	N/A	NOTE A	N/A	NOTE A	NOTE A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	NOTE A	119	NOTE A	NOTE A	NONE
LOCATION: RELAY ROOM 606 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) TO BE REPLACED WITH QUALIFIED RELAY (P.O.34215).

4491CC801
ASP

SYSTEM COMPONENT EVAIUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	12 MONTHS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 1-668-42A-A	TEMPERATURE DEG. F.	70-85	NOTE A	40	NOTE A	NOTE A	NONE
COMPONENT: AUX CONTACTS (2) TO MCC1-62C /AUX RELAY RACK BR144 TRAIN B MANUFACTURER: CLARK	PRESSURE PSIA	13.7-15.7	NOTE A	40	NOTE A	NOTE A	NONE
MODEL NUMBER: PM	RELATIVE HUMIDITY PCT	10-40%	NOTE A	40	NOTE A	NOTE A	NONE
FUNCTION: BATT RM FAN COIL 1B	CHEMICAL SPRAY	N/A	NOTE A	N/A	NOTE A	NOTE A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	NOTE A	119	NOTE A	NOTE A	NONE
LOCATION: RELAY ROOM 606 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO

NOTES:

A) TO BE REPLACED WITH QUALIFIED RELAY (P.O.34215).

4491C0802
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	12 MONTHS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 42AX/1-583-A	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: AUX CONTACT IN MCC 1-52B MANUFACTURER: CLARK	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MODEL NUMBER: PM 504	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CNMT DOME FAN 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID H.4/6.2/606 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

4491CC701
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	12 MONTHS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 42AX/1-584-A	TEMPERATURE DEG. F.	60-120	NOTE A	37,39	NOTE A	NOTE A	NONE
COMPONENT: AUX CONTACT IN MCC 1-62E MANUFACTURER: CLARK	PRESSURE PSIA	13.7-15.7	NOTE A	37,39	NOTE A	NOTE A	NONE
MODEL NUMBER: 504-1PM	RELATIVE HUMIDITY PCT	10-80%	NOTE A	37,39,43	NOTE A	NOTE A	NONE
FUNCTION: CNMT DOME FAN 1B	CHEMICAL SPRAY	N/A	NOTE A	N/A	NOTE A	NOTE A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	NOTE A	119	NOTE A	NOTE A	NONE
LOCATION: GRID H.2/2.7/606 NON SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) TO BE REPLACED WITH QUALIFIED RELAY (P.O.43904).

4491CC702
ASP

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	12 MONTHS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 52X/15104-1	TEMPERATURE DEG. F.	70-85	NOTE A	40	NOTE A	NOTE A	NONE
COMPONENT: AUX RELAY/AUX RELAY RACK RR143 TRAIN A MANUFACTURER: CLARK	PRESSURE PSIA	13.7-15.7	NOTE A	40	NOTE A	NOTE A	NONE
MODEL NUMBER: PM 506	RELATIVE HUMIDITY PCT	10-40%	NOTE A	40	NOTE A	NOTE A	NONE
FUNCTION: CNTMT FAN COIL 1D	CHEMICAL SPRAY	N/A	NOTE A	N/A	NOTE A	NOTE A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	NOTE A	119	NOTE A	NOTE A	NONE
LOCATION: RELAY ROOM 606 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) TO BE REPLACED WITH QUALIFIED RELAY (P.O.34215).

4491CC706
ASP

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT	PRIMARY CONTAINMENT	INSIDE	SYSTEM
1	COMMONWEALTH	1E-0519	BUILT PER SPEC	DIST. CABINET BRB-123	NO		D.C. AUXILIARIES/ EMERGENCY A.C.
2	COMMONWEALTH	1E-0520-A	BUILT PER SPEC	DIST. CABINET BRA-102	NO		D.C. AUXILIARIES/ EMERGENCY A.C.
3	COMMONWEALTH	1E-0520-B	BUILT PER SPEC	DIST. CABINET BRB-102	NO		D.C. AUXILIARIES/ EMERGENCY A.C.
4	COMMONWEALTH	1E-0521-A	BUILT PER SPEC	DIST. CABINET BRA-103	NO		D.C. AUXILIARIES/ EMERGENCY A.C.
5	COMMONWEALTH	1E-0521-B	BUILT PER SPEC	DIST. CABINET BRB-103	NO		D.C. AUXILIARIES/ EMERGENCY A.C.
6	COMMONWEALTH	1E-0522-A	BUILT PER SPEC	DIST. CABINET BRA-104	NO		D.C. AUXILIARIES/ EMERGENCY A.C.
7	COMMONWEALTH	1E-0522-B	BUILT PER SPEC	DIST. CABINET BRB-104	NO		D.C. AUXILIARIES/ EMERGENCY A.C.
8	COMMONWEALTH	1E-0523-A	BUILT PER SPEC	DIST CABINET BRA-105	NO		D.C. AUXILIARIES/ EMERGENCY A.C.
9	COMMONWEALTH	1E-0523-B	BUILT PER SPEC	DIST CABINET BRB-105	NO		D.C. AUXILIARIES/ EMERGENCY A.C.
10	COMMONWEALTH	1E-0524	BUILT PER SPEC	DIST CABINET BRB115	NO		D.C. AUXILIARIES/ EMERGENCY A.C.
11	COMMONWEALTH	1E-0541-A	BUILT PER SPEC	FUSE CABINET BRA-101P	NO		D.C. AUXILIARIES/ EMERGENCY A.C.
12	COMMONWEALTH	1E-0541-B	BUILT PER SPEC	FUSE CABINET BRB-101P	NO		D.C. AUXILIARIES/ EMERGENCY A.C.
13	COMMONWEALTH	1E-0542-A	BUILT PER SPEC	FUSE CABINET BRA-101N	NO		D.C. AUXILIARIES/ EMERGENCY A.C.
14	COMMONWEALTH	1E-0542-B	BUILT PER SPEC	FUSE CABINET BRB-101N	NO		D.C. AUXILIARIES/ EMERGENCY A.C.

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: D.C. AUXILIARIES/ EMERGENCY A.C.	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0519	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: DIST. CABINET ERB-123	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: COMMONWEALTH							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-80%	N/A	44	N/A	N/A	NONE
FUNCTION: 120V AC DIST CABINET DISTRIBUTION	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ELECTRICAL DISTRIBUTION	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: BATTERY ROOM E TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1E-0519
DC-AUX

SYSTEM COMPONENT EVAIUATION WCRKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: D.C. AUXILIARIES/ EMERGENCY A.C.	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0520-A	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: DIST. CABINET ERA-102 MANUFACTUBER: COMMONWEALTH	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: 125V DC MAIN DIST CABINET	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SAFEGUARD 125VDC/ 120VAC INSTR. POWER	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 111,119	N/A N/A	N/A N/A	NONE
LOCATION: BATTERY ROOM E TURB BLDG	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: D.C. AUXILIARIES/ EMERGENCY A.C.	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0520-B	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: DIST. CABINET ERB-102	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MANUFACTURER: COMMONWEALTH							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: 125V DC MAIN DIST CABINET	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SAFEGUARD 125VDC/ 120VAC INSTR. POWER	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 111,119	N/A N/A	N/A N/A	NONE
LOCATION: BATTERY ROOM E TURB BLDG	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: D.C. AUXILIARIES/ EMERGENCY A.C. PLANT ID NO: 1E-0521-A COMPONENT: DIST. CABINET BRA-103 MANUFACTURER: COMMONWEALTH MODEL NUMBER: BUILT PER SPEC FUNCTION: 125V DC DIST CABINET SERVICE: SAFEGUARD 125VDC/ 120VAC INSTB. POWER LOCATION: BATTERY ROOM A TURB BLDG FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 111,119	N/A N/A	N/A N/A	NONE
	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1E-0521-A
DC-AUX

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: D.C. AUXILIARIES/ EMERGENCY A.C.	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0521-B	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: DIST. CABINET BRB-103	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MANUFACTURER: COMMONWEALTH							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: 125V DC DIST CABINET	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SAFEGUARD 125VDC/ 120VAC INSTR. POWER	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 111,119	N/A N/A	N/A N/A	NONE
LOCATION: BATTERY ROOM B TURB BLDG	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: D.C. AUXILIARIES/ EMERGENCY A.C.	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0522-A	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: DIST. CABINET BRA-104 MANUFACTURER: COMMONWEALTH	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: 125V DC DIST CABINET	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SAFEGUARD 125VDC/ 120VAC INSTR. POWER	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 111,119	N/A N/A	N/A N/A	NONE
LOCATION: BATTERY ROOM A TURB BLDG	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: D.C. AUXILIARIES/ EMERGENCY A.C.	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0522-B	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: DIST. CABINET ERB-104 MANUFACTURER: COMMONWEALTH	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: 125V DC DIST CABINET	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SAFEGUARD 125VDC/ 120VAC INSTR. POWER	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 111,119	N/A N/A	N/A N/A	NONE
LOCATION: BATTERY ROOM B TURB BLDG	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: D.C. AUXILIARIES/ EMERGENCY A.C.	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0523-A	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: DIST CABINET BRA-105	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MANUFACTURER: COMMONWEALTH							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: 120/208V AC DIST CAB. MIN INTERRUPTABE BUS	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SAFEGUARD 125VDC/ 120VAC INSTR POWER	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 119	N/A N/A	N/A N/A	NONE
LOCATION: BATTERY ROOM A TURB BLDG	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: D.C. AUXILIARIES/ EMERGENCY A.C.	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0523-B	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: DIST CABINET ERB-105 MANUFACTURER: COMMONWEALTH	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: 120/208V AC DIST CAB. MIN INTERRUPTABE BUS	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SAFEGUARD 125VDC/ 120VAC INSTR POWER	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 119	N/A N/A	N/A N/A	NONE
LOCATION: BATTERY ROOM B TURB BLDG	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: D.C. AUXILIARIES/ EMERGENCY A.C.	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0524	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: DIST CABINET ERB115	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: COMMONWEALTH							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: 120VAC DIST. CABINET & POWER DISTRIBUTION	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: OVERLOAD PROTECTION & POWER DISTRIBUTION	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: BATTERY ROOM B TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: D.C. AUXILIARIES/ EMERGENCY A.C.	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0541-A	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: FUSE CABINET ERA-101P	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: COMMONWEALTH							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: 1600A FUSE CABINET (POSITIVE)	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SAFEGUARD 125VDC/ 120VAC INSTR. POWER	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: BATTERY ROOM A TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: D.C. AUXILIARIES/ EMERGENCY A.C.	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0541-B	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: FUSE CABINET BRB-101P	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: COMMONWEALTH							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: 1600A FUSE CABINET (POSITIVE)	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SAFEGUARD 125VDC/ 120VAC INSTR. POWER	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: BATTERY ROOM B TURE BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: D.C. AUXILIARIES/ EMERGENCY A.C.	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0542-A	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: FUSE CABINET ERA-101N	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: COMMONWEALTH							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: 1600A FUSE CABINET (NEGATIVE)	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SAFEGUARD 125VDC/ 120VAC INSTR. POWER	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: BATTERY ROOM A TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: D.C. AUXILIARIES/ EMERGENCY A.C.	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0542-E	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: FUSE CABINET BRB-101N	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: COMMONWEALTH							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: 1600A FUSE CABINET (NEGATIVE)	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SAFEGUARD 125VDC/ 120VAC INSTR. POWER	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: BATTERY ROOM E TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

1E-0542-E
EC-AUX

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT	PRIMARY INSIDE CONTAINMENT	SYSTEM
1	COMSTOCK	1E-0486	BUILT PER SPEC	TRANSDUCER PANEL	NO	DIESEL GENERATOR MECHANICAL
2	COMSTOCK	1E-0496	BUILT PER SPEC	TRANSDUCER PANEL	NO	DIESEL GENERATOR MECHANICAL

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: DIESEL GENERATOR MECHANICAL	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0486	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: TRANSDUCER PANEL	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: COMSTOCK							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: DR-107 TRANSDUCER PANEL 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SIGNAL MODIFIER PANEL	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: GRID AE.8/8.8/586 D/G RM 1A	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1E-0486
TBV

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: DIESEL GENERATOR MECHANICAL	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0496	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: TRANSDUCER PANEL	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: COMSTOCK							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: DR-117 TRANSDUCER PANEL 1E	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SIGNAL MODIFIER	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: GRID AE.7/7.0/586 ADM BLDG D/G RM 1E	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

SEE HONEYWELL HEAT DETECTORS.

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT PRIMARY	INSIDE CONTAINMENT	SYSTEM
1	FENWAL	FEN-1	18000-0	TEMPERATURE SWITCH	NO	SHIELD BUILDING VENTILATION
2	FENWAL	FEN-2	18000-0	TEMPERATURE SWITCH	NO	SHIELD BUILDING VENTILATION
3	FENWAL	FEN-3	18000-0	HEAT DETECTOR	NO	AUX. BLDG. SPECIAL VENT
4	FENWAL	FEN-4	18000-0	HEAT DETECTOR	NO	AUX. BLDG. SPECIAL VENT

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SHIELD BUILDING VENTILATION	OPERATIONAL TIME	1 YEAR	1 YEAR	35	124	ANALYSIS	NONE
PLANT ID NO: FEN-1	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: TEMPERATURE SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: FENWAL							
MODEL NUMBER: 18000-0	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SHIELD BUILDING FILTER ASSY. 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL CARB. FILTER ELECT. HTR. (1-238)	RADIATION RADS	3.2E6	3.2E6	41	124	ANALYSIS	NONE
LOCATION: GRID G.4/4.3/643 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	124	ANALYSIS	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:

FEN-1
SBV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SHIELD BUILDING VENTILATION	OPERATIONAL TIME	1 YEAR	1 YEAR	35	124	ANALYSIS	NONE
PLANT ID NO: FEN-2	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: TEMPERATURE SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: FENWAL							
MODEL NUMBER: 18000-0	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SHIELD BUILDING FILTER ASSY. 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL CARB. FILTER ELECT. HTR. (1-239)	RADIATION RADS	3.2E6	3.2E6	41	124	ANALYSIS	NONE
LOCATION: GRID G.4/3.3/643 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	124	ANALYSIS	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

FEN-2
SBV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	1 YEAR	2	124	ANALYSIS	NONE
PLANT ID NO: FEN-3	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: HEAT DETECTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: FENWAL							
MODEL NUMBER: 18000-0	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ZONE SV EXHAUST FILTER ASSY. 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL CARB. FILTER HTR 1A (1-449)	RADIATION RADS	3.2E6	3.2E6	41	124	ANALYSIS	NONE
LOCATION: GRID GW.H/7.8/657 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	124	ANALYSIS	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:

FEN-3
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	1 YEAR	2	124	ANALYSIS	NONE
PLANT ID NO: FEN-4	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: HEAT DETECTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: FENWAL							
MODEL NUMBER: 18000-0	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ZONE SV EXHAUST FILTER ASSY. 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL CARB. FILTER HTR 1B (1-450)	RADIATION RADS	3.2E6	3.2E6	41	124	ANALYSIS	NONE
LOCATION: GRID GW.H/6.7/657 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	124	ANALYSIS	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (B)

NOTES:

FEN-4
ABSV

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT PRIMARY	INSIDE CONTAINMENT	SYSTEM
1	FOXBORO	1E-0205	BUILT PER SPEC	RELAY PANEL	NO	RELAY ROOM LOCATED EQUIPMENT
2	FOXBORO	1E-0206	BUILT PER SPEC	RELAY PANEL	NO	RELAY ROOM LOCATED EQUIPMENT
3	FOXBORO	1E-0207	BUILT PER SPEC	RELAY PANEL	NO	RELAY ROOM LOCATED EQUIPMENT
4	FOXBORO	1E-0208	BUILT PER SPEC	RELAY PANEL	NO	RELAY ROOM LOCATED EQUIPMENT
5	FOXBORO	1E-0211	BUILT PER SPEC	RELAY PANEL	NO	RELAY ROOM LOCATED EQUIPMENT
6	FOXBORO	1E-0212	BUILT PER SPEC	RELAY PANEL	NO	RELAY ROOM LOCATED EQUIPMENT
7	FOXBORO	1E-0213	BUILT PER SPEC	RELAY PANEL	NO	RELAY ROOM LOCATED EQUIPMENT
8	FOXBORO	1E-0214	BUILT PER SPEC	RELAY PANEL	NO	RELAY ROOM LOCATED EQUIPMENT
9	FOXBORO	1E-0577	BUILT PER SPEC	PROTECTION RACK	NO	AUX. BLDG. SPECIAL VENT
10	FOXBORO	1E-0578	BUILT PER SPEC	PROTECTION RACK	NO	AUX. BLDG. SPECIAL VENT
11	FOXBORO	1E-0579	BUILT PER SPEC	PROTECTION RACK	NO	AUX. BLDG. SPECIAL VENT
12	FOXBORO	1E-0580	BUILT PER SPEC	PROTECTION RACK	NO	AUX. BLDG. SPECIAL VENT
13	FOXBORO	15252	RDF STANDARD	RTD	NO	AUX. BLDG. SPECIAL VENT
14	FOXBORO	15253	RDF STANDARD	RTD	NO	AUX. BLDG. SPECIAL VENT

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -I LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT	PRIMARY CONTAINMENT	INSIDE	SYSTEM
15	FOXBORO	15254	RDF STANDARD	RTD		NO	AUX. BLDG. SPECIAL VENT
16	FOXBORO	15255	RDF STANDARD	RTD		NO	AUX. BLDG. SPECIAL VENT
17	FOXBORO	15256	RDF STANDARD	RTD		NO	AUX. BLDG. SPECIAL VENT
18	FOXBORO	15257	RDF STANDARD	RTD		NO	AUX. BLDG. SPECIAL VENT
19	FOXBORO	15258	RDF STANDARD	RTD		NO	AUX. BLDG. SPECIAL VENT
20	FOXBORO	15259	RDF STANDARD	RTD		NO	AUX. BLDG. SPECIAL VENT
21	FOXBORO	15261	RDF STANDARD	RTD		NO	AUX. BLDG. SPECIAL VENT
22	FOXBORO	15262	RDF STANDARD	RTD		NO	AUX. BLDG. SPECIAL VENT
23	FOXBORO	15263	RDF STANDARD	RTD		NO	AUX. BLDG. SPECIAL VENT
24	FOXBORO	15264	RDF STANDARD	RTD		NO	AUX. BLDG. SPECIAL VENT
25	FOXBORO	15265	RDF STANDARD	RTD		NO	AUX. BLDG. SPECIAL VENT
26	FOXBORO	15266	RDF STANDARD	RTD		NO	AUX. BLDG. SPECIAL VENT
27	FOXBORO	15267	RDF STANDARD	RTD		NO	AUX. BLDG. SPECIAL VENT
28	FOXBORO	15268	RDF STANDARD	RTD		NO	AUX. BLDG. SPECIAL VENT

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT PRIMARY	INSIDE CONTAINMENT	SYSTEM
29	FOXBORO	15269	RDF STANDARD	RTD	NO	AUX. BLDG. SPECIAL VENT
30	FOXBORO	15270	RDF STANDARD	RTD	NO	AUX. BLDG. SPECIAL VENT
31	FOXBORO	15271	RDF STANDARD	RTD	NO	AUX. BLDG. SPECIAL VENT
32	FOXBORO	15272	RDF STANDARD	RTD	NO	AUX. BLDG. SPECIAL VENT
33	FOXBORO	15273	RDF STANDARD	RTD	NO	AUX. BLDG. SPECIAL VENT
34	FOXBORO	15274	RDF STANDARD	RTD	NO	AUX. BLDG. SPECIAL VENT
35	FOXBORO	15275	RDF STANDARD	RTD	NO	AUX. BLDG. SPECIAL VENT
36	FOXBORO	15276	RDF STANDARD	RTD	NO	AUX. BLDG. SPECIAL VENT
37	FOXBORO	15277	RDF STANDARD	RTD	NO	AUX. BLDG. SPECIAL VENT
38	FOXBORO	15279	RDF STANDARD	RTD	NO	AUX. BLDG. SPECIAL VENT
39	FOXBORO	15280	RDF STANDARD	RTD	NO	AUX. BLDG. SPECIAL VENT
40	FOXBORO	15281	RDF STANDARD	RTD	NO	AUX. BLDG. SPECIAL VENT
41	FOXBORO	15282	RDF STANDARD	RTD	NO	AUX. BLDG. SPECIAL VENT
42	FOXBORO	15283	RDF STANDARD	RTD	NO	AUX. BLDG. SPECIAL VENT

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT PRIMARY	INSIDE CONTAINMENT	SYSTEM
43	FOXBORO	15284	BDF STANDARD	RTD	NO	AUX. BLDG. SPECIAL VENT
44	FOXBORO	15285	BDF STANDARD	RTD	NO	AUX. BLDG. SPECIAL VENT
45	FOXBORO	15286	BDF STANDARD	RTD	NO	AUX. BLDG. SPECIAL VENT
46	FOXBORO	21038	E11GH-1NH 2	PRESSURE TRANSMITTER	YES	EMERGENCY PROCEDURE
47	FOXBORO	21077	E11GH-1NH 2	PRESSURE TRANSMITTER	YES	EMERGENCY PROCEDURE
48	FOXBORO	21079 #	E11GH-SAE1/MCA	PRESSURE TRANSMITTER	YES	REACTOR COOLANT
49	FOXBORO	21080 #	E11GH-SAE1/MCA	PRESSURE TRANSMITTER	YES	REACTOR COOLANT
50	FOXBORO	21081 #	E11GH-SAE1/MCA	PRESSURE TRANSMITTER	YES	REACTOR COOLANT
51	FOXBORO	21082 #	E11GH-SAE1/MCA	PRESSURE TRANSMITTER	YES	REACTOR COOLANT
52	FOXBORO	21084 #	E11 GH-SAD1	PRESSURE TRANSMITTER	NO	RESIDUAL HEAT REMOVAL
53	FOXBORO	21085 #	E11 GH-SAD1	PRESSURE TRANSMITTER	NO	RESIDUAL HEAT REMOVAL
54	FOXBORO	21094	E11GH-SAE1	PRESSURE TRANSMITTER	NO	MAIN STEAM
55	FOXBORO	21095	E11GH-SAE1	PRESSURE TRANSMITTER	NO	MAIN STEAM
56	FOXBORO	21096	E11GH-SAE1 STYLE E	PRESSURE TRANSMITTER	NO	MAIN STEAM
57	FOXBORO	21097	E11GH-SAE1	PRESSURE TRANSMITTER	NO	MAIN STEAM
58	FOXBORO	21098	E11GH-SAE1	PRESSURE TRANSMITTER	NO	MAIN STEAM
59	FOXBORO	21099	E11GH-SAE1	PRESSURE TRANSMITTER	NO	MAIN STEAM
60	FOXBORO	21114	E11GH-SAD1	PRESSURE TRANSMITTER	NO	INTERNAL CONTAINMENT SPRAY

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT PRIMARY	INSIDE CONTAINMENT	SYSTEM
61	FOXBORO	21115	E11GM-SAD1	PRESSURE TRANSMITTER	NO	INTERNAL CONTAINMENT SPRAY
62	FOXBORO	23030	E13 DM-SAH1	FLOW TRANSMITTER	NO	EMERGENCY PROCEDURE
63	FOXBORO	24040 #	E11GM-SAB1	LEVEL TRANSMITTER	NO	RESIDUAL HEAT REMOVAL
64	FOXBORO	24042	E13DH-SAM1	DP TRANSMITTER	YES	MAIN STEAM
65	FOXBORO	24043	E13DH-SAM1	DP TRANSMITTER	YES	MAIN STEAM
66	FOXBORO	24044	E13DH-SAM1	DP TRANSMITTER	YES	MAIN STEAM
67	FOXBORO	24046	E13DH-SAM1	DP TRANSMITTER	YES	MAIN STEAM
68	FOXBORO	24047	E13DH-SAM1	DP TRANSMITTER	YES	MAIN STEAM
69	FOXBORO	24048	E13DH-SAM1	DP TRANSMITTER	YES	MAIN STEAM
70	FOXBORO	24067	E11GM-HSAA1	PRESSURE TRANSMITTER	NO	INTERNAL CONTAINMENT SPRAY
71	FOXBORO	4840209	62H-2E	INDICATING CONTROLLER	NO	EMERGENCY PROCEDURE
72	FOXBORO	4840215	62H-2E	INDICATING CONTROLLER	NO	EMERGENCY PROCEDURE

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: RELAY ROOM LOCATED EQUIPMENT	OPERATIONAL TIME	1 YEAR	N/A	41	N/A	N/A	NONE
PLANT ID NO: 1E-0205	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: RELAY PANEL	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: RR106 YELLOW CHANNEL 1Y1	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ENGINEERED SAFEGUARD & REACTOR PROTECTION ACTUATION & CONTROL	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: RELAY ROOM	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1E-0205
RRM

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: RELAY ROOM LOCATED EQUIPMENT	OPERATIONAL TIME	1 YEAR	N/A	41	N/A	N/A	NONE
PLANT ID NO: 1E-0206	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: RELAY PANEL	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: RR107 YELLOW CHANNEL 1Y2	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ENGINEERED SAFEGUARD & REACTOR PROTECTION ACTUATION & CONTROL	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: RELAY ROOM	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: RELAY ROOM LOCATED EQUIPMENT	OPERATIONAL TIME	1 YEAR	N/A	41	N/A	N/A	NONE
PLANT ID NO: 1E-0207	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: RELAY PANEL	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: RR108 RED CHANNEL 1R1	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ENGINEERED SAFEGUARD & REACTOR PROTECTION ACTUATION & CONTROL	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: RELAY ROOM	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: RELAY ROOM LOCATED EQUIPMENT	OPERATIONAL TIME	1 YEAR	N/A	41	N/A	N/A	NONE
PLANT ID NO: 1E-0208	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: RELAY PANEL	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: RR109 RED CHANNEL 1R2	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ENGINEERED SAFEGUARD & REACTOR PROTECTION ACTUATION & CONTROL	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: RELAY ROOM	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: RELAY ROOM LOCATED EQUIPMENT	OPERATIONAL TIME	1 YEAR	N/A	41	N/A	N/A	NONE
PLANT ID NO: 1E-0211	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: RELAY PANEL	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: RR112 BLUE CHANNEL 1B1	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ENGINEERED SAFEGUARD & REACTOR PROTECTION ACTUATION & CONTROL	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: RELAY ROOM	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIELIOGRAPY

HARSH:
LOCA NO

NOTES:

A). SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: RELAY ROOM LOCATED EQUIPMENT	OPERATIONAL TIME	1 YEAR	N/A	41	N/A	N/A	NONE
PLANT ID NO: 1E-0212	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: RELAY PANEL	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: RR113 BLUE CHANNEL 1B2	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ENGINEERED SAFEGUARD & REACTOR PROTECTION ACTUATION & CONTROL	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: RELAY ROOM	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL.	OUTSTANDING
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.	METHOD	ITEMS
SYSTEM: RELAY ROOM LOCATED EQUIPMENT	OPERATIONAL TIME	1 YEAR	N/A	41	N/A	N/A	NONE
PLANT ID NO: 1E-0213	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: RELAY PANEL	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: RR114 WHITE CHANNEL 1W1	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ENGINEERED SAFEGUARD & REACTOR PROTECTION ACTUATION & CONTROL	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: RELAY ROOM	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: RELAY ROOM LOCATED EQUIPMENT	OPERATIONAL TIME	1 YEAR	N/A	41	N/A	N/A	NONE
PLANT ID NO: 1E-0214	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: RELAY PANEL	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: RR115 WHITE CHANNEL 1W2	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ENGINEERED SAFEGUARD & REACTOR PROTECTION ACTUATION & CONTROL	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: RELAY ROOM	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 1E-0577	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: PROTECTION RACK	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: STM EXCL PROTECTION RACK	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: FR 103 STEAM EXCLUSION ACTUATION	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: GRID H.0/4.2/642 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 1E-0578	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: PROTECTION RACK	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: STM EXCL PROTECTION RACK	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: FR 104 STEAM EXCLUSION ACTUATION	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: GRID H.0/4.1/642 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

HELP NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 1E-0579	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: PROTECTION RACK	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: STM EXCL PROTECTION RACK	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: FR 105 STEAM EXCLUSION ACTUATION	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: GRID H.0/4.1/642 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL.	OUTSTANDING
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.	METHOD	ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 1E-0580	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: PROTECTION RACK	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: STM EXCL PROTECTION RACK	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: FR 106 STEAM EXCLUSION ACTUATION	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: GRID H.0/3.9/642 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIELIOGRAPY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1E-0580
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 15252	TEMPERATURE DEG. F.	60-104	N/A	37,39,111	N/A	N/A	NONE
COMPONENT: RTD	PRESSURE PSIA	13.7-15.7	N/A	37,39,111	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: BDP STANDARD	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,43, 111	N/A	N/A	NONE
FUNCTION: CRD RM VENT INLET STM EXCI RTD 1	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: TEMP. SENSOR	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: GRID G.4/2.1/626 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

15252
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 15253	TEMPERATURE DEG. F.	60-104	N/A	37,39,111	N/A	N/A	NONE
COMPONENT: RTD	PRESSURE PSIA	13.7-15.7	N/A	37,39,111	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: RDF STANDARD	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,111	N/A	N/A	NONE
FUNCTION: CRD RM VENT OUTLET STM EXCL RTD 1	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: TEMP. SENSOR	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: GRID GW.9/3.2/626 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

15253
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 15254	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: RTD	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: EDF STANDARD	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: BATTERY ROOM A/B STM EXCL RTD 1	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: TEMP. SENSOR	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: GRID F.9/8.2/606 TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

15254
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 15255	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: RTD	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: EDF STANDARD	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: AUX BLDG AREA VENT CNTL STM EXCL RTD 1	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: TEMP. SENSOR	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: GRID H.1/9S.9/629 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELE NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

15255
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 15256	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: RTD	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: RDF STANDARD	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: CONT RM AC RECIRC STM EXCL RTD 1	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: TEMP. SENSOR	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: GRID G.1/8.8/642 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

15256
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 15257	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: RTD	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: RDF STANDARD	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: CONT RM AC MAKE-UP AIR STM EXCL RTD 1	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: TEMP. SENSOR	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: GRID G.9/8.9/651 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

15257
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 15258	TEMPERATURE DEG. F.	60-104	N/A	27,28	N/A	N/A	NONE
COMPONENT: RTD	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: BDP STANDARD	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: AUX BLDG LAE AREA STM EXCL RTD 1	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: TEMP. SENSOR	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: GRID G.9/4.9/642 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

15258
ABSV

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 15259	TEMPERATURE DEG. F.	60-104	N/A	27,28	N/A	N/A	NONE
COMPONENT: RTD	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: RDF STANDARD	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: AUX BLDG AC EXHT TO FLTR SYS EXCL RTD 1	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: TEMP. SENSOR	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: GRID G.3/3.2/657 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

15259
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 15261	TEMPERATURE DEG. F.	60-104	N/A	37,39,111	N/A	N/A	NONE
COMPONENT: RTD	PRESSURE PSIA	13.7-15.7	N/A	37,39,111	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: RDF STANDARD	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,111	N/A	N/A	NONE
FUNCTION: CRD RM VENT INLT STM EXCL RTD 2	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: TEMP. SENSOR	RADIATION RADS	<1E5	N/A	119,110	N/A	N/A	NONE
LOCATION: GRID G.4/2.1/626 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

15261
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT PLANT ID NO: 15262 COMPONENT: RTD MANUFACTURER: FOXBORO MODEL NUMBER: RDF STANDARD FUNCTION: CRD RM VNT OUTLET STM EXCL RTD 2 SERVICE: TEMP. SENSOR LOCATION: GRID GW.9/3.3/626 AUX BLDG FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
	TEMPERATURE DEG. F.	60-104	N/A	37,39,111	N/A	N/A	NONE
	PRESSURE PSIA	13.7-15.7	N/A	37,39,111	N/A	N/A	NONE
	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,111	N/A	N/A	NONE
	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
	RADIATION RADS	<1E5	N/A	119,110	N/A	N/A	NONE
	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

15262
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL.	OUTSTANDING
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.	METHOD	ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 15263	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: RTD	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: RDF STANDARD	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: BATTERY ROOMS A/B STM EXCL RTD 2	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: TEMP. SENSOR	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: GRID F.9/8.2/606 TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

15263
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	NOTE A	2	NOTE A	NOTE A	NONE
PLANT ID NO: 15264	TEMPERATURE DEG. F.	234	NOTE A	111	NOTE A	NOTE A	NONE
COMPONENT: RTD	PRESSURE PSIA	13.7-15.7	N/A	43,44,111	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: RDF STANDARD	RELATIVE HUMIDITY PCT	100%	NOTE A	111	NOTE A	NOTE A	NONE
FUNCTION: TURB DRIVE AFW PMP RM STM EXCL RTD 1	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CLOSE STM EXCLUSION DAMPER	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: GRID D.5/8.5/586 TURB BLDG	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

HELB YES (T,H)

NOTES:

A) PERFORMS ITS FUNCTION BEFORE HELB HARSH CONDITIONS, FAILS TO SAFE CONDITION.
B) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	NOTE A	2	NOTE A	NOTE A	NONE
PLANT ID NO: 15265	TEMPERATURE DEG. F.	234	NOTE A	111	NOTE A	NOTE A	NONE
COMPONENT: RTD	PRESSURE PSIA	13.7-15.7	N/A	37,39	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: RDF STANDARD	RELATIVE HUMIDITY PCT	100%	NOTE A	111	NOTE A	NOTE A	NONE
FUNCTION: AUX BLDG VENT INLET STM EXCL RTD 1	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CLOSE STM EXCLUSION DAMPER	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: GRID H.2/8.9/628 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:

HELB YES (T,H)

NOTES:

A) PERFORMS ITS FUNCTION BEFORE HELB HARSH CONDITIONS, FAILS TO SAFE CONDITION.

15265
ABSV

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT PLANT ID NO: 15266 COMPONENT: RTD MANUFACTURER: FOXBORO MODEL NUMBER: BDF STANDARD FUNCTION: AUX BLDG FAN FLRS STM EXCL RTD 1 SERVICE: TEMP. SENSOR LOCATION: GRID GW.8/5.7/657 AUX BLDG FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
	TEMPERATURE DEG. F.	60-104	N/A	27,28	N/A	N/A	NONE
	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

15266
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 15267	TEMPERATURE DEG. F.	60-104	N/A	27,28	N/A	N/A	NONE
COMPONENT: RTD	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: RDF STANDARD	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: AUX BLDG AREA VENT CUTL STM EXCL RTD 2	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: TEMP. SENSOR	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: GRID H.1/9S.9/629 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

15267
ABSV

UNIT: KEWAUNEE

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 15268	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: RTD	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: RDF STANDARD	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: CONT RM A/C RECIRC STM EXCI RTD 2	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: TEMP. SENSOR	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: GRID G.1/8.8/642 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 15269	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: RTD	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: RDF STANDARD	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: CONT RM A/C MAKE-UP STM EXCL RTD	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: TEMP. SENSOR	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: GRID G.9/8.9/651 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

15269
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL.	OUTSTANDING
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.	METHOD	ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 15270	TEMPERATURE DEG. F.	60-104	N/A	37,39,111	N/A	N/A	NONE
COMPONENT: RTD	PRESSURE PSIA	13.7-15.7	N/A	37,39,111	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: EDF STANDARD	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,111	N/A	N/A	NONE
FUNCTION: CRD RM VENT INLT STM EXCL RTD 3	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: TEMP. SENSOR	RADIATION RADS	<1E5	N/A	119,110	N/A	N/A	NONE
LOCATION: GRID G.4/2.1/626 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:

HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

15270
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL.	OUTSTANDING
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.	METHOD	ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 15271	TEMPERATURE DEG. F.	60-104	N/A	37,39,111	N/A	N/A	NONE
COMPONENT: RTD	PRESSURE PSIA	13.7-15.7	N/A	37,39,111	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: RDF STANDARD	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,43, 111	N/A	N/A	NONE
FUNCTION: CRD RM VENT OUTLT STM EXCL RTD 3	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: TEMP. SENSOR	RADIATION RADS	<1E5	N/A	119,110	N/A	N/A	NONE
LOCATION: GRID G.9/3.2/626 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

15271
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT PLANT ID NO: 15272 COMPONENT: RTD MANUFACTURER: FOXBORO MODEL NUMBER: RDF STANDARD FUNCTION: BATTERY ROOM INLET STM EXCL RTD 3 SERVICE: TEMP. SENSOR LOCATION: GRID D.5/8.5/586 TURB BLDG FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

15272
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	NOTE A	2	NOTE A	NOTE A	NONE
PLANT ID NO: 15273	TEMPERATURE DEG. F.	234	NOTE A	111	NOTE A	NOTE A	NONE
COMPONENT: RTD	PRESSURE PSIA	13.7-15.7	N/A	44,111	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: RDF STANDARD	RELATIVE HUMIDITY PCT	100%	NOTE A	111	NOTE A	NOTE A	NONE
FUNCTION: TURB DRIVE AFW PMP RM STM EXCL RTD 2	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CLOSE STM EXCLUSION DAMPER	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: GRID D.5/8.5/586 TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

HELB YES (T,H)

NOTES:

A) PERFORMS ITS FUNCTION PRIOR TO HELB HARSH CONDITIONS, FAILS TO SAFE POSITION.

15273
ABSV

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	NOTE A	NOTE A	NONE
PLANT ID NO: 15274	TEMPERATURE DEG. F.	60-104	N/A	44	NOTE A	NOTE A	NONE
COMPONENT: RTD	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: RDF STANDARD	RELATIVE HUMIDITY PCT	10-80%	N/A	111	NOTE A	N/A	NONE
FUNCTION: BATT RM A/B STM EXCL STD 3	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: TEMP. SENSOR	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: GRID F.9/8.2/606 TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

15274
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 15275	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: RTD	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: RDF STANDARD	RELATIVE HUMIDITY PCT	10-80%	N/A	38,38,43	N/A	N/A	NONE
FUNCTION: AUX BLDG FAN FLRS STM EXCL RTD 2	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: TEMP. SENSOR	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: GRID GW.8/5.7/657 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

15275
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 15276	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: RTD	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: RDF STANDARD	RELATIVE HUMIDITY PCT	10-80%	N/A	38,38,43	N/A	N/A	NONE
FUNCTION: AUX BLDG LAB AREA STM EXCL RTD 2	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: TEMP. SENSOR	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: GRID G.9/4.9/642 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

15276
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A		NONE
PLANT ID NO: 15277	TEMPERATURE DEG. F.	60-104	N/A	111	N/A	N/A	NONE
COMPONENT: RTD	PRESSURE PSIA	13.7-15.7	N/A	111	N/A	N/A	NONE
MANUFACTURER: FOXBORO MODEL NUMBER: RDF STANDARD	RELATIVE HUMIDITY PCT	10-80%	N/A	111	N/A	N/A	NONE
FUNCTION: AUX BLDG AC EXHT TO FLTR STM EXCL RTD 2	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: TEMP. SENSOR	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: GRID G.3/3.2/657 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

15277
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	NOTE A	2	NOTE A	NOTE A	NONE
PLANT ID NO: 15279	TEMPERATURE DEG. F.	234	NOTE A	111	NOTE A	NOTE A	NONE
COMPONENT: RTD	PRESSURE PSIA	13.7-15.7	N/A	44,111	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: RDF STANDARD	RELATIVE HUMIDITY PCT	100%	NOTE A	111	NOTE A	N/A	NONE
FUNCTION: TURB DRIVE AFW PMP RM STM EXCL RTD 3	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CLOSE STM EXCLUSION DAMPER	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: GRID D.5/8.5/586 TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

HELB YES (T,H)

NOTES:

A) PERFORMS ITS FUNCTION PRIOR TO HELB HARSH CONDITIONS, FAILS TO SAFE POSITION.

15279
ABSV

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 15280	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: RTD	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: RDF STANDARD	RELATIVE HUMIDITY PCT	10-80	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: AUX BLDG VENT INLET STM EXCL RTD 3	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: TEMP. SENSOR	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: GRID H.2/8.9/628 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

15280
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 15281	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: RTD	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: RDF STANDARD	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	NOTE A	NONE
FUNCTION: AUX BLDG FAN FLRS STM EXCL RTD 3	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: TEMP. SENSOR	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: GRID GW.8/5.7/657 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

15281
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 15282	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: RTD	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: RDF STANDARD	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: AUX BLDG AREA VENT OUTL STM EXCL RTD 3	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: TEMP. SENSOR	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: GRID H.1/9S.9/629 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

15282
ABSV

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 15283	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: RTD	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: BDF STANDARD	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: CONT RM A/C RECIRC STM EXCL RTD 3	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: TEMP. SENSOR	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: GRID G.1/8.8/642 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

15283
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 15284	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: RTD	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: RDF STANDARD	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: CONT RM A/C MAKE-UP AIR STM EXCL RTD 3	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: TEMP. SENSOR	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: GRID G.9/8.9/651 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

15284
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 15285	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: RTD	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: BDF STANDARD	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: AUX BLDG LAB AREA STM EXCL RTD 3	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: TEMP. SENSOR	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: GRID G.9/4.9/642 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

15285
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 15286	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: RTD	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: RDF STANDARD	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: AUX BLDG AC EXHT TO FLTR STM EXCL RTD 3	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: TEMP. SENSOR	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: GRID G.3/3.2/657 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

15286
ABSV

UNIT: KEWAUNEE

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: EMERGENCY PROCEDURE	OPERATIONAL TIME	30 DAYS	30 DAYS	35	69	SIMULT	NONE
PLANT ID NO: 21038	TEMPERATURE DEG. F.	293	300	1	69	SIMULT	NONE
COMPONENT: PRESSURE TRANSMITTER	PRESSURE PSIA	60.7	60	2,3	69	SIMULT	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: E11GH-1NH 2	RELATIVE HUMIDITY PCT	100%	100%	2	69	SIMULT	NONE
FUNCTION: RX CLNT HOT LEG P XMTR	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 9.25-10	4,5,118	69	SIMULT	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	5E7 GAMMA 2E6 BETA	7.6E7 GAMMA >2E6 BETA	2,6,7,8	69,101	TEST/ANALY	NONE
LOCATION: GRID 14/300/611 RX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,R)

NOTES:

A) QUALIFICATION DATA EXISTS FOR ALL PARAMETERS EXCEPT AGING. MAINTENANCE HISTORY INDICATES NO AGE-RELATED DEGRADATION. TO BE REPLACED BY AN INSTRUMENT TESTED BY ACCELERATED AGING (P.O.34233).

21038
EP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: EMERGENCY PROCEDURE	OPERATIONAL TIME	30 DAYS	30 DAYS	35	69	SIMULT	NONE
PLANT ID NO: 21077	TEMPERATURE DEG. F.	293	300	1	69	SIMULT	NONE
COMPONENT: PRESSURE TRANSMITTER	PRESSURE PSIA	60.7	60	2,3	69	SIMULT	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: E11GH-1NH 2	RELATIVE HUMIDITY PCT	100%	100%	2	69	SIMULT	NONE
FUNCTION: RC SYS HOT LEG P XMTR	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 9.25-10	4,5,118	69	SIMULT	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	5E7 GAMMA 2E6 BETA	7.6E7 GAMMA >2E6 BETA	2,6,7,8	69,101	TEST/ANALY	NONE
LOCATION: GRID 14/300/611 RX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,R)

NOTES:

A) QUALIFICATION DATA EXISTS FOR ALL PARAMETERS EXCEPT AGING. MAINTENANCE HISTORY INDICATES NO AGE-RELATED DEGRADATION. TO BE REPLACED BY AN INSTRUMENT TESTED BY ACCELERATED AGING (P.O. 34233).

21077
EP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR COOLANT	OPERATIONAL TIME	30 DAYS	120 DAYS	35	76	SIMULT	NONE
PLANT ID NO: 21079 #	TEMPERATURE DEG. F.	293 120 (HELB)	320 N/A	1 114	69,76 N/A	SIMULT N/A	NONE
COMPONENT: PRESSURE TRANSMITTER	PRESSURE PSIA	60.7 13.7-15.7 HEIB	80.7 N/A	2,3 114	69,76 N/A	SIMULT N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: E11GM-SAE1/MCA	RELATIVE HUMIDITY PCT	100% 10-80% (HELB)	100% N/A	2 113	69,76 N/A	SIMULT N/A	NONE
FUNCTION: PRESSURE MEASUREMENT ON PRZR-1C	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH N/A (HELB)	PH = 9.2 N/A	4,5,118 N/A	69 N/A	SIMULT N/A	NONE
SERVICE: PRZR P TRANSMITTER	RADIATION RADS	5E7 GAMMA 2E6 BETA 5E7 GAMMA, HEIB	2E8 GAMMA >2E6 BETA 2E8 GAMMA	2,6,7,8 2,6,7,8,115	69,76,101 69,76,101	TEST/ANALY TEST/ANALY	NONE
LOCATION: GRID 29/123/611 RX BLDG	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: 600' (N/A, HELB) ABOVE FLOOD LEVEL: YES, (N/A, HEIB)	SUBMERGENCE	NOT REQUIRED NOT REQ (HELB)	N/A N/A	9 N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,B)
HELB YES (R)

NOTES:

A) QUALIFICATION DATA EXISTS FOR ALL PARAMETERS EXCEPT AGING. MAINTENANCE HISTORY INDICATES NO AGE-RELATED DEGRADATION. TO BE REPLACED BY AN INSTRUMENT TESTED BY ACCELERATED AGING (P.O.34233).

21079
RC

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR COOLANT	OPERATIONAL TIME	30 DAYS	120 DAYS	35	76	SIMULT	NONE
PLANT ID NO: 21080 #	TEMPERATURE DEG. F.	293 120 (HELB)	320 N/A	1 114	69,76 N/A	SIMULT N/A	NONE
COMPONENT: PRESSURE TRANSMITTER MANUFACTURER: FOXBORO	PRESSURE PSIA	60.7 13.7-15.7 HELB	80.7 N/A	2,3 114	69,76 N/A	SIMULT N/A	NONE
MODEL NUMBER: E11GM-SAE1/MCA	RELATIVE HUMIDITY PCT	100% 10-80% (HELB)	100% N/A	2 113	69,76 N/A	SIMULT N/A	NONE
FUNCTION: PRESSURE MEASUREMENT ON PRZR-1B	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NACH N/A (HELB)	PH = 9.2 N/A	4,5,118 N/A	69 N/A	SIMULT N/A	NONE
SERVICE: PRZR P TRANSMITTER	RADIATION RADS	5E7 GAMMA 2E6 BETA 5E7 GAMMA, HELB	2E8 GAMMA >2E6 BETA 2E8 GAMMA	2,6,7,8 2,6,7,8,115	69,76,101 69,76,101	TEST/ANALY TEST/ANALY	NONE
LOCATION: GRID 13/112/611 RX BLDG	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: 600' (N/A, HELB) ABOVE FLOOD LEVEL: YES, (N/A, HELB)	SUBMERGENCE	NOT REQUIRED NOT REQ (HELB)	N/A N/A	9 N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,R)
HELB YES (R)

NOTES:

A) QUALIFICATION DATA EXISTS FOR ALL PARAMETERS EXCEPT AGING. MAINTENANCE HISTORY INDICATES NO AGE-RELATED DEGRADATION. TO BE REPLACED BY AN INSTRUMENT TESTED BY ACCELERATED AGING (P.O. 34233).

21080
RC

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR COOLANT	OPERATIONAL TIME	30 DAYS	120 DAYS	35	76	SIMULT	NONE
PLANT ID NO: 21081 #	TEMPERATURE DEG. F.	293 120 (HELB)	320 N/A	1 114	69,76 N/A	SIMULT N/A	NONE
COMPONENT: PRESSURE TRANSMITTER MANUFACTURER: FOXBORO	PRESSURE PSIA	60.7 13.7-15.7 HELB	80.7 N/A	2,3 114	69,76 N/A	SIMULT N/A	NONE
MODEL NUMBER: E11GM-SAE1/MCA	RELATIVE HUMIDITY PCT	100% 10-80% (HELB)	100% N/A	2 113	69,76 N/A	SIMULT N/A	NONE
FUNCTION: PRESSURE MEASUREMENT ON PRZR-1A	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH N/A (HELB)	PH = 9.2 N/A	4,5,118 N/A	69 N/A	SIMULT N/A	NONE
SERVICE: PRZR P TRANSMITTER	RADIATION RADS	5E7 GAMMA 2E6 BETA 5E7 GAMMA, HELB	2E8 GAMMA >2E6 BETA 2E8 GAMMA	2,6,7,8 2,6,7,8,115	69,76,101 69,76,101	TEST/ANALY TEST/ANALY	NONE
LOCATION: GRID 17/98/611 RX BLDG	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: 600' (N/A, HELB) ABOVE FLOOD LEVEL: YES, (N/A, HELB)	SUBMERGENCE	NOT REQUIRED NOT REQ (HELB)	N/A N/A	9 N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,R)
HELB YES (R)

NOTES:

A) QUALIFICATION DATA EXISTS FOR ALL PARAMETERS EXCEPT AGING. MAINTENANCE HISTORY INDICATES NO AGE-RELATED DEGRADATION. TO BE REPLACED BY AN INSTRUMENT TESTED BY ACCELERATED AGING (P.O.34233).

21081
RC

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR COOLANT	OPERATIONAL TIME	30 DAYS	120 DAYS	35	76	SIMULT	NONE
PLANT ID NO: 21082 #	TEMPERATURE DEG. F.	293	320	1	69,76	SIMULT	NONE
COMPONENT: PRESSURE TRANSMITTER	PRESSURE PSIA	60.7	80.7	2,3	69,76	SIMULT	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: E11GM-SAE1/MCA	RELATIVE HUMIDITY PCT	100%	100%	2	69,76	SIMULT	NONE
FUNCTION: PRESSURE MEASUREMENT CN PRZR-1D	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 9.2	4,5,118	69	SIMULT	NONE
SERVICE: PRZR P TRANSMITTER	RADIATION RADS	5E7 GAMMA 2E6 BETA	2E8 GAMMA >2E6 BETA	2,6,7,8	69,76,101	TEST/ANALY	NONE
LOCATION: GRID 24/108/611 RX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,B)

NOTES:

A) QUALIFICATION DATA EXISTS FOR ALL PARAMETERS EXCEPT AGING. MAINTENANCE HISTORY INDICATES NO AGE-RELATED DEGRADATION. TO BE REPLACED BY AN INSTRUMENT TESTED BY ACCELERATED AGING (P.O.34233).

21082
RC

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: RESIDUAL HEAT REMOVAL	OPERATIONAL TIME	30 DAYS	120 DAYS	41	76	SIMULT	NONE
PLANT ID NO: 21084 #	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: PRESSURE TRANSMITTER	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: E11 GM-SAD1	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RHR PUMP DISCH.	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PT-629	RADIATION RADS	1.6E7	2E8	41	69	SEPARATE	NONE
LOCATION: GRID J.5/6.7/591 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (R)

NOTES:

A) QUALIFICATION DATA EXISTS FOR ALL PARAMETERS EXCEPT AGING. MAINTENANCE HISTORY INDICATES NO AGE-RELATED DEGRADATION. TO BE REPLACED BY AN INSTRUMENT TESTED BY ACCELERATED AGING (P.C.34233).

21084
RHR

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: RESIDUAL HEAT REMOVAL	OPERATIONAL TIME	30 DAYS	120 DAYS	41	76	SIMULT	NONE
PLANT ID NO: 21085 #	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: PRESSURE TRANSMITTER	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: E11 GM-SAD1	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RHR PUMP DISCH.	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PT-628	RADIATION RADS	1.6E7	2E8	41	69	SEPARATE	NONE
LOCATION: GRID J.5/6.5/591 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

A) QUALIFICATION DATA EXISTS FOR ALL PARAMETERS EXCEPT AGING. MAINTENANCE HISTORY INDICATES NO AGE-RELATED DEGRADATION. TO BE REPLACED BY AN INSTRUMENT TESTED BY ACCELERATED AGING (P.O. 34233).

21085
RHR

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MAIN STEAM	OPERATIONAL TIME	2 HOURS	120 DAYS	35	76	SIMULT	NONE
PLANT ID NO: 21094	TEMPERATURE DEG. F.	298	320	111	69,76	SIMULT	NONE
COMPONENT: PRESSURE TRANSMITTER	PRESSURE PSIA	13.7-15.7	N/A	37,39,111	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: E11GM-SAR1	RELATIVE HUMIDITY PCT	100%	100%	111	69,76	SIMULT	NONE
FUNCTION: STM GEN 1A STM CUTL P XMTR	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PT-468	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: GRID L.8/5S.9/623 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

HELB YES (T,H)

NOTES:

A) QUALIFICATION DATA EXISTS FOR ALL PARAMETERS EXCEPT AGING. MAINTENANCE HISTORY INDICATES NO AGE-RELATED DEGRADATION. TO BE REPLACED BY AN INSTRUMENT TESTED BY ACCELERATED AGING (P.C.34233).

21094
MS

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: MAIN STEAM	OPERATIONAL TIME	2 HOURS	120 DAYS	35	76	SIMULT	NONE
PLANT ID NO: 21095	TEMPERATURE DEG. F.	298	320	111	69,76	SIMULT	NONE
COMPONENT: PRESSURE TRANSMITTER MANUFACTURER: FOXBORO	PRESSURE PSIA	13.7-15.7	N/A	37,39,111	N/A	N/A	NONE
MODEL NUMBER: E11GM-SAR1	RELATIVE HUMIDITY PCT	100%	100%	111	69,76	SIMULT	NONE
FUNCTION: STM GEN 1A STM OUTL P XMTR	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PT-469	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: GRID M.2/5S.1/623 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELE YES (T,H)

NOTES:

A) QUALIFICATION DATA EXISTS FOR ALL PARAMETERS EXCEPT AGING. MAINTENANCE HISTORY INDICATES NO AGE-RELATED DEGRADATION. TO BE REPLACED BY AN INSTRUMENT TESTED BY ACCELERATED AGING (P.O.34233).

21095
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MAIN STEAM	OPERATIONAL TIME	2 HOURS	120 DAYS	35	76	SIMULT	NONE
PLANT ID NO: 21096	TEMPERATURE DEG. F.	298	320	111	69,76	SIMULT	NONE
COMPONENT: PRESSURE TRANSMITTER	PRESSURE PSIA	13.7-15.7	N/A	37,39	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: E11GM-SAF1 STYLE B	RELATIVE HUMIDITY PCT	100%	100%	111	69,76	SIMULT	NONE
S/N 2321687							
FUNCTION: STM GEN 1A STM CNTL P XMTR	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PT-482	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: GRID M.2/4.5/623 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE
ABOVE FLOOD LEVEL: N/A							

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

HELB YES (T,H)

NOTES:

A) QUALIFICATION DATA EXISTS FOR ALL PARAMETERS EXCEPT AGING. MAINTENANCE HISTORY INDICATES NO AGE-RELATED DEGRADATION. TO BE REPLACED BY AN INSTRUMENT TESTED BY ACCELERATED AGING (P.O.34233).

21096
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MAIN STEAM	OPERATIONAL TIME	2 HOURS	120 DAYS	35	76	SIMULT	NONE
PLANT ID NO: 21097	TEMPERATURE DEG. F.	298	320	111	69,76	SIMULT	NONE
COMPONENT: PRESSURE TRANSMITTER MANUFACTURER: FOXBORO	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MODEL NUMBER: E11GM-SAE1	RELATIVE HUMIDITY PCT	100%	100%	111	69,76	SIMULT	NONE
FUNCTION: S/G 1B STM CNTL P XMTR	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PT-478	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: GRID JJW.1/3.9/623 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: 616'6" ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB YES (T,H)

NOTES:

A) QUALIFICATION DATA EXISTS FOR ALL PARAMETERS EXCEPT AGING. MAINTENANCE HISTORY INDICATES NO AGE-RELATED DEGRADATION. TO BE REPLACED BY AN INSTRUMENT TESTED BY ACCELERATED AGING (P.O.34233).

21097
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MAIN STEAM	OPERATIONAL TIME	2 HOURS	120 DAYS	35	76	SIMULT	NONE
PLANT ID NO: 21098	TEMPERATURE DEG. F.	298	320	111	69,76	SIMULT	NONE
COMPONENT: PRESSURE TRANSMITTER MANUFACTURER: FOXBORO	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MODEL NUMBER: E11GM-SAE1	RELATIVE HUMIDITY PCT	100%	100%	111	69,76	SIMULT	NONE
FUNCTION: S/G 1B STM OUTL P XMTR	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PT-479	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: GRID JJW.1/3.9/623 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: 616'6" ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

HELB YES (T,H)

NOTES:

A) QUALIFICATION DATA EXISTS FOR ALL PARAMETERS EXCEPT AGING. MAINTENANCE HISTORY INDICATES NO AGE-RELATED DEGRADATION. TO BE REPLACED BY AN INSTRUMENT TESTED BY ACCELERATED AGING (P.O.34233).

21098
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MAIN STEAM	OPERATIONAL TIME	2 HOURS	120 DAYS	35	76	SIMULT	NONE
PLANT ID NO: 21099	TEMPERATURE DEG. F.	298	320	111	69,76	SIMULT	NONE
COMPONENT: PRESSURE TRANSMITTER	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: E11GM-SAE1	RELATIVE HUMIDITY PCT	100%	100%	111	69,76	SIMULT	NONE
FUNCTION: S/G 1B STM CNTL P XMTR	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PT-483	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: GRID JJW.1/3.9/623 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: 616'6" ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

HELB YES (T,H)

NOTES:

A) QUALIFICATION DATA EXISTS FOR ALL PARAMETERS EXCEPT AGING. MAINTENANCE HISTORY INDICATES NO AGE-RELATED DEGRADATION. TO BE REPLACED BY AN INSTRUMENT TESTED BY ACCELERATED AGING (P.O.34233).

21099
MS

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: INTERNAL CONTAINMENT SPRAY	OPERATIONAL TIME	30 DAYS	120 DAYS	35	76	SIMULT TES	NONE
PLANT ID NO: 21114	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: PRESSURE TRANSMITTER	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: E11GM-SAD1	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CONTMT. SPRAY PUMP 1A, DISCHARGE P-XMTR	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PRESSURE MEASUREMENT	RADIATION RADS	5.6E6	2E8	41	69, 76	SEP. TEST	NONE
LOCATION: GRID GW.0/6.0/591 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (R)

NOTES:

A) QUALIFICATION DATA EXISTS FOR ALL PARAMETERS EXCEPT AGING. MAINTENANCE HISTORY INDICATES NO AGE-RELATED DEGRADATION. TO BE REPLACED BY AN INSTRUMENT TESTED BY ACCELERATED AGING (P.O.34233).

21114
ICS

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: INTERNAL CONTAINMENT SPRAY	OPERATIONAL TIME	30 DAYS	120 DAYS	35	76	SIMULT TES	NONE
PLANT ID NO: 21115	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: PRESSURE TRANSMITTER	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: E11GM-SAD1	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CONTMT. SPRAY PUMP 1B, DISCHARGE P-XMTR	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PRESSURE MEASUREMENT	RADIATION RADS	5.6E6	2E8	41	69, 76	SEP. TEST	NONE
LOCATION: GRID GW.0/6.0/591 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

A) QUALIFICATION DATA EXISTS FOR ALL PARAMETERS EXCEPT AGING. MAINTENANCE HISTORY INDICATES NO AGE-RELATED DEGRADATION. TO BE REPLACED BY AN INSTRUMENT TESTED BY ACCELERATED AGING (E.O. 34233).

21115
ICS

UNIT: KEWAUNEE

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: EMERGENCY PROCEDURE	OPERATIONAL TIME	30 DAYS	120 DAYS	41	76	SIMULT.	NONE
PLANT ID NO: 23030	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: FLOW TRANSMITTER	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: E13 DM-SAH1	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RHR PUMP OUTLET F XMTR	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	2.9E7	2E8	41	69,76	SEPARATE	NONE
LOCATION: GRID J.2/5.8/591 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

A) QUALIFICATION DATA EXISTS FOR ALL PARAMETERS EXCEPT AGING. MAINTENANCE HISTORY INDICATES NO AGE-RELATED DEGRADATION. TO BE REPLACED BY AN INSTRUMENT TESTED BY ACCELERATED AGING (P.O.34233).

23030
FP

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: RESIDUAL HEAT REMOVAL	OPERATIONAL TIME	30 DAYS	120 DAYS	41	76	SIMULT	NONE
PLANT ID NO: 24040 #	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LEVEL TRANSMITTER	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTUREB: FOXBORO							
MODEL NUMBER: E11GM-SAB1	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: REFUELING WATER STORAGE TANK	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: LT-920	RADIATION RADS	5.6E6	2E8	41	69,76	SIMULT	NONE
LOCATION: GRID G.9/5.8/591 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (B)

NOTES:

A) QUALIFICATION DATA EXISTS FOR ALL PARAMETERS EXCEPT AGING. MAINTENANCE HISTORY INDICATES NO AGE-RELATED DEGRADATION. TO BE REPLACED BY AN INSTRUMENT TESTED BY ACCELERATED AGING (P.O. 34233).

24040
RHR

UNIT: KEWAUNEE

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MAIN STEAM	OPERATIONAL TIME	30 DAYS	120 DAYS	35	76	SIMULT TST	NONE
PLANT ID NO: 24042	TEMPERATURE DEG. F.	293	320	1	69,76	SIMULT	NONE
COMPONENT: DP TRANSMITTER	PRESSURE PSIA	60.7	80.7	2,3	69,76	SIMULT	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: E13DH-SAM1	RELATIVE HUMIDITY PCT	100%	100%	2	69,76	SIMULT	NONE
FUNCTION: S/G 1A L XMTR	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 9.2	4,5,118	69	SIMULT	NONE
SERVICE: LT-461	RADIATION RADS	5E7 GAMMA 2E6 BETA	2E8 GAMMA >2E6 BETA	2,6,7,8	69,76,101	TEST/ANALY	NONE
LOCATION: GRID 6.5/278/611 RX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: 600' ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:

LOCA YES (T,P,H,CS,B)

NOTES:

A) QUALIFICATION DATA EXISTS FOR ALL PARAMETERS EXCEPT AGING. MAINTENANCE HISTORY INDICATES NO AGE-RELATED DEGRADATION. TO BE REPLACED BY AN INSTRUMENT TESTED BY ACCELERATED AGING (P.O.34233).

24042
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MAIN STEAM	OPERATIONAL TIME	30 DAYS	120 DAYS	35	76	SIMULT TST	NONE
PLANT ID NO: 24043	TEMPERATURE DEG. F.	293	320	1	69,76	SIMULT	NONE
COMPONENT: DP TRANSMITTER	PRESSURE PSIA	60.7	80.7	2,3	69,76	SIMULT	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: E13DH-SAM1	RELATIVE HUMIDITY PCT	100%	100%	2	69,76	SIMULT	NONE
FUNCTION: S/G 1A L XMTR	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 9.2	4,5,118	69	SIMULT	NONE
SERVICE: LT-462	RADIATION RADS	5E7 GAMMA 2E6 BETA	2E8 GAMMA >2E6 BETA	2,6,7,8	69,76,101	TEST/ANALY	NONE
LOCATION: GRID 6.5/279/611 RX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FICOD LEVEL ELEV: 600' ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,R)

NOTES:

A) QUALIFICATION DATA EXISTS FOR ALL PARAMETERS EXCEPT AGING. MAINTENANCE HISTORY INDICATES NO AGE-RELATED DEGRADATION. TO BE REPLACED BY AN INSTRUMENT TESTED BY ACCELERATED AGING (P.O.34233).

24043
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MAIN STEAM	OPERATIONAL TIME	30 DAYS	120 DAYS	35	76	SIMULT TST	NONE
PLANT ID NO: 24044	TEMPERATURE DEG. F.	293	320	1	69,76	SIMULT	NONE
COMPONENT: DP TRANSMITTER	PRESSURE PSIA	60.7	80.7	2,3	69,76	SIMULT	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: E13DH-SAM1	RELATIVE HUMIDITY PCT	100%	100%	2	69,76	SIMULT	NONE
FUNCTION: S/G 1A L XMTR	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 9.2	4,5,118	69	SIMULT	NONE
SERVICE: LT-463	RADIATION RADS	5E7 GAMMA 2E6 BETA	2E8 GAMMA >2E6 BETA	2,6,7,8	69,76,101	TEST/ANALY	NONE
LOCATION: GRID 6.0/282/611 RX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: 600' ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,R)

NOTES:

A) QUALIFICATION DATA EXISTS FOR ALL PARAMETERS EXCEPT AGING. MAINTENANCE HISTORY INDICATES NO AGE-RELATED DEGRADATION. TO BE REPLACED BY AN INSTRUMENT TESTED BY ACCELERATED AGING (P.O.34233).

24044
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MAIN STEAM	OPERATIONAL TIME	30 DAYS	120 DAYS	35	76	SIMULT TST	NONE
PLANT ID NO: 24046	TEMPERATURE DEG. F.	293	320	1	69,76	SIMULT	NONE
COMPONENT: DP TRANSMITTER	PRESSURE PSIA	60.7	80.7	2,3	69,76	SIMULT	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: E13DH-SAM1	RELATIVE HUMIDITY PCT	100%	100%	2	69,76	SIMULT	NONE
FUNCTION: S/G 1B L XMTR	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 9.2	4,5,118	69,76	SIMULT	NONE
SERVICE: LT-471	RADIATION RADS	5E7 GAMMA 2E6 BETA	2E8 GAMMA >2E6 BETA	2,6,7,8	69,76,101	TEST/ANALY	NONE
LOCATION: GRID 24/108/611 RX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: 600' ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,B)

NOTES:

A) QUALIFICATION DATA EXISTS FOR ALL PARAMETERS EXCEPT AGING. MAINTENANCE HISTORY INDICATES NO AGE-RELATED DEGRADATION. TO BE REPLACED BY AN INSTRUMENT TESTED BY ACCELERATED AGING (P.O. 34233).

24046
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MAIN STEAM	OPERATIONAL TIME	30 DAYS	120 DAYS	35	76	SIMULT TST	NONE
PLANT ID NO: 24047	TEMPERATURE DEG. F.	293	320	1	69,76	SIMULT	NONE
COMPONENT: DP TRANSMITTER	PRESSURE PSIA	60.7	80.7	2,3	69,76	SIMULT	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: E13DH-SAM1	RELATIVE HUMIDITY PCT	100%	100%	2	69,76	SIMULT	NONE.
FUNCTION: S/G 1B L XMTR	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 9.2	4,5,118	69	SIMULT	NONE
SERVICE: LT-472	RADIATION RADS	5E7 GAMMA 2E6 BETA	2E8 GAMMA >2E6 BETA	2,6,7,8	69,76,101	TEST/ANALY	NONE
LOCATION: GRID 17/98/611 BX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: 600' ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,B)

NOTES:

A) QUALIFICATION DATA EXISTS FOR ALL PARAMETERS EXCEPT AGING. MAINTENANCE HISTORY INDICATES NO AGE-RELATED DEGRADATION. TO BE REPLACED BY AN INSTRUMENT TESTED BY ACCELERATED AGING (P.O.34233).

24047
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: MAIN STEAM	OPERATIONAL TIME	30 DAYS	120 DAYS	35	76	SIMULT TST	NONE
PLANT ID NO: 24048	TEMPERATURE DEG. F.	293	320	1	69,76	SIMULT	NONE
COMPONENT: DP TRANSMITTER	PRESSURE PSIA	60.7	80.7	2,3	69,76	SIMULT	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: E13DH-SAM1	RELATIVE HUMIDITY PCT	100%	100%	2	69,76	SIMULT	NONE
FUNCTION: S/G 1B L XMTR	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 9.2	4,5,118	69	SIMULT	NONE
SERVICE: LT-473	RADIATION RADS	5E7 GAMMA 2E6 BETA	2E8 GAMMA >2E6 BETA	2,6,7,8	69,76,101	TEST/ANALY	NONE
LOCATION: GRID 16/78/611 RX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: 600' ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,B)

NOTES:

A) QUALIFICATION DATA EXISTS FOR ALL PARAMETERS EXCEPT AGING. MAINTENANCE HISTORY INDICATES NO AGE-RELATED DEGRADATION. TO BE REPLACED BY AN INSTRUMENT TESTED BY ACCELERATED AGING (P.O.34233).

24048
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: INTERNAL CONTAINMENT SPRAY	OPERATIONAL TIME	2 HOURS	120 DAYS	35	76	SIMULT TES	NONE
PLANT ID NO: 24067	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: PRESSURE TRANSMITTER	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: E11GM-HSAA1	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CAUSTIC ADDITVE. STANDPIPE 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: LEVEL TRANSMITTER STANDPIPE 1A	RADIATION RADS	5.6E6	2E8	41	69	SEP. TEST	NONE
LOCATION: GRID GW.5/5.5/590 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (R)

NOTES:

A) QUALIFICATION DATA EXISTS FOR ALL PARAMETERS EXCEPT AGING. MAINTENANCE HISTORY INDICATES NO AGE-RELATED DEGRADATION. TO BE REPLACED BY AN INSTRUMENT TESTED BY ACCELERATED AGING (P.O.34233).

24067
ICS

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: EMERGENCY PROCEDURE	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 4840209	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: INDICATING CONTROLLER MANUFACTURER: FOXBORO	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MODEL NUMBER: 62H-2E	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: PSZR SPRAY VALVES	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: INDICATION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID GW.5/7.8/606	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

4840209
EP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: EMERGENCY PROCEDURE	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 4840215	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: INDICATING CONTROLLER MANUFACTURER: FOXBORO	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MODEL NUMBER: 62H-2E	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: PSZR SPRAY VALVES	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: INDICATION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID GW.5/7.8/606	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

4840215
EP

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT PRIMARY	INSIDE CONTAINMENT	SYSTEM
1	GENERAL ELECTRIC	GEN-2	EB5, EB25	TERMINAL STRIPS	YES	MISCELLANEOUS
2	GENERAL ELECTRIC	1-022-52A-A	0128E1720 SB-1 GROUP 1	AUXILIARY SWITCH	NO	ACTIVE STATUS PANEL
3	GENERAL ELECTRIC	1-023-52A-A	0128B1720 SB-1 GROUP 1	AUXILIARY SWITCH	NO	ACTIVE STATUS PANEL
4	GENERAL ELECTRIC	1-029-52A-A	0128B1720 SB-1 GROUP 1	AUXILIARY SWITCH	NO	ACTIVE STATUS PANEL
5	GENERAL ELECTRIC	1-030-52A-A	0128B1720 SB-1 GROUP 1	AUXILIARY SWITCH	NO	ACTIVE STATUS PANEL
6	GENERAL ELECTRIC	1-116-42A-A	7700 SERIES	AUXILIARY CONTACT	NO	ACTIVE STATUS PANEL
7	GENERAL ELECTRIC	1-118-42A-A	7700 SERIES	AUXILIARY CONTACT	NO	ACTIVE STATUS PANEL
8	GENERAL ELECTRIC	1-502-52A-A	0128E1720 SB-1 GROUP 1	AUXILIARY CONTACT	NO	ACTIVE STATUS PANEL
9	GENERAL ELECTRIC	1-508-52A-A	0128B1720 SB-1 GROUP 1	AUXILIARY CONTACT	NO	ACTIVE STATUS PANEL
10	GENERAL ELECTRIC	1-605-52A-A	0128B1720 SB-1 GROUP 1	AUXILIARY CONTACT	NO	ACTIVE STATUS PANEL
11	GENERAL ELECTRIC	1-606-52A-A	0128B1720 SB-1 GROUP 1	AUXILIARY CONTACT	NO	ACTIVE STATUS PANEL
12	GENERAL ELECTRIC	1-667	182T	MOTOR	NO	TURBINE BUILDING VENT
13	GENERAL ELECTRIC	1-668	182T	MOTOR	NO	TURBINE BUILDING VENT
14	GENERAL ELECTRIC	1E-0326	7700 SERIES	480V MCC 1-52A CENTER	NO	480V SUPPLY & DISTRIBUTION
15	GENERAL ELECTRIC	1E-0327	7700 SERIES	480V MCC 1-62A CENTER	NO	480V SUPPLY & DISTRIBUTION

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT	INSIDE PRIMARY CONTAINMENT	SYSTEM
16	GENERAL ELECTRIC	1E-0328	7700 SERIES	480V MCC1-52B	NO	480V SUPPLY & DISTRIBUTION
17	GENERAL ELECTRIC	1E-0329	7700 SERIES	480V MCC 1-62B CENTER	NO	480V SUPPLY & DISTRIBUTION
18	GENERAL ELECTRIC	1E-0330	7700 SERIES	480V MCC 1-52C CENTERS	NO	480V SUPPLY & DISTRIBUTION
19	GENERAL ELECTRIC	1E-0331	7700 SERIES	480V MCC 1-62C CENTERS	NO	480V SUPPLY & DISTRIBUTION
20	GENERAL ELECTRIC	1E-0332	7700 SERIES	480V MCC 1-52D CENTERS	NO	480V SUPPLY & DISTRIBUTION
21	GENERAL ELECTRIC	1E-0333	7700 SERIES	480V MCC 1-62D CENTERS	NO	480V SUPPLY & DISTRIBUTION
22	GENERAL ELECTRIC	1E-0334	7700 SERIES	480V MCC 1-52E	NO	480V SUPPLY & DISTRIBUTION
23	GENERAL ELECTRIC	1E-0335	7700 SERIES	480V MCC 1-62E	NO	480V SUPPLY & DISTRIBUTION
24	GENERAL ELECTRIC	1E-0336	7700 SERIES	480V MCC 1-52F CENTERS	NO	480V SUPPLY & DISTRIBUTION
25	GENERAL ELECTRIC	1E-0337	7700 SERIES	480V MCC 1-62F	NO	480V SUPPLY & DISTRIBUTION

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MISCELLANEOUS	OPERATIONAL TIME	1 YEAR	1 YEAR	35	75	SIMULT/EA	NONE
PLANT ID NO: GEN-2	TEMPERATURE DEG. F.	293	286,NOTE A	1	75	SIMULT/EA	NONE
COMPONENT: TERMINAL STRIPS	PRESSURE PSIA	60.7	54.7,NOTE B	2,3	75	SIMULT/EA	NONE
MANUFACTURER: GENERAL ELECTRIC							
MODEL NUMBER: FB5, EB25	RELATIVE HUMIDITY PCT	100%	100%	2	75	SIMULT/EA	NONE
FUNCTION: VARIOUS	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 8.8	4,5,118	75	SIMULT/EA	NONE
SERVICE: TERMINATIONS	RADIATION RADS	5E7 GAMMA 2E6 BETA	7E7 GAMMA >2E6 BETA	2,6,7,8	75,101	TEST/ANALY	NONE
LOCATION: RX BLDG AND AUX BLDG	AGING	40 YEARS	40 YEARS	2	75	SEQUEN/EA	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,R)

NOTES:

E.A. = ENGINEERING ANALYSIS.
A) TESTED TO 286 F. THE ATTACHED SATURATION TEMPERATURE PROFILE EXCEEDS TEST TEMP. FOR LESS THAN 1 MINUTE.
B) PRESSURE EFFECTS FOR 6 PSI DIFFERENTIAL IS NOT SIGNIFICANT

GEN-2
MISC

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-022-52A-A	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: AUXILIARY SWITCH	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: GENERAL ELECTRIC							
MODEL NUMBER: 0128B1720 SB-1 GROUP 1	RELATIVE HUMIDITY PCT	10-80%	N/A	44,43	N/A	N/A	NONE
FUNCTION: SW PMP 1A2 IN 4160V SWGR CUE 1-507	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: ADM BLDG BSMT D/G ROOM	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-023-52A-A	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: AUXILIARY SWITCH	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: GENERAL ELECTRIC							
MODEL NUMBER: 0128B1720 SB-1 GROUP 1	RELATIVE HUMIDITY PCT	10-80%	N/A	44,43	N/A	N/A	NONE
FUNCTION: SW PMP 1A1 IN 4160V SWGR CUB 1-506	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: ADM BLDG BSMT D/G ROOM	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

4491CC1C1
ASP

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-029-52A-A	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: AUXILIARY SWITCH	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: GENERAL ELECTRIC							
MODEL NUMBER: 0128E1720 SB-1 GROUP 1	RELATIVE HUMIDITY PCT	10-80%	N/A	44,43	N/A	N/A	NONE
FUNCTION: SW PMP 1B2 IN 4160V SWGR CUE 1-609	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL RCOM ANNUNCIATION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: ADM BLDG BSMT D/G ROOM	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

4491CC1C4
ASP

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-030-52A-A	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: AUXILIARY SWITCH	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: GENERAL ELECTRIC							
MODEL NUMBER: 0128B1720 SB-1 GROUP 1	RELATIVE HUMIDITY PCT	10-80%	N/A	44,43	N/A	N/A	NONE
FUNCTION: SW PMP 1B1 IN 4160V SWGR CUB 1-608	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: ADM BLDG BSMT D/G ROOM	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

4491C0103
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-116-42A-A	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: AUXILIARY CONTACT	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: GENERAL ELECTRIC							
MODEL NUMBER: 7700 SERIES	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: D/G VENT SUPPLY FAN 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: ADM BLDG BSMT D/G ROOM	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

4491CC501
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-118-42A-A	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: AUXILIARY CONTACT	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: GENERAL ELECTRIC							
MODEL NUMBER: 7700 SERIES	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: D/G VENT SUPPLY FAN 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: ADM BLDG BSMT D/G ROOM	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

4491C0502
ASP

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	12 MONTHS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-502-52A-A	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: AUXILIARY CONTACT	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: GENERAL ELECTRIC							
MODEL NUMBER: 0128B1720 SB-1 GROUP 1	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: RHR PMP 1A BPA5 CKT 15 OF SWGR CUB 1-502	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL RCOM ANNUNCIATION	RADIATION RADS	<1E5	N/A	44	N/A	N/A	NONE
LOCATION: GRID AE.8/ /586 TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

449101103
ASP

SYSTEM COMPONENT EVAIUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-508-52A-A	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: AUXILIARY CONTACT	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: GENERAL ELECTRIC							
MODEL NUMBER: 0128B1720 SB-1 GROUP 1	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: SI PMP 1A IN BPB 18 CKT 13 OF BRKR 1-508	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID AE.8/ /586 TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

4491CC9C1
ASP

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	12 MONTHS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-605-52A-A	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: AUXILIARY CONTACT	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: GENERAL ELECTRIC							
MODEL NUMBER: 0128E1720 SB-1 GROUP 1	RELATIVE HUMIDITY PCT	10-80%	N/A	44	N/A	N/A	NONE
FUNCTION: RHR PUMP 1B 1-032 IN SWGR CUB 1-605	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	N/A	44	N/A	N/A	NONE
LOCATION: GRID AE.8/6.3/586 TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

449101104
ASP

SYSTEM COMPONENT EVAIUATION WCBKSHEET

03/30/82
BEVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-606-52A-A	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: AUXILIARY CONTACT	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: GENERAL ELECTRIC							
MODEL NUMBER: 0128E1720 SB-1 GROUP 1	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: SI PUMP 1B IN BRKR 1-606	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: ADM BLDG BSMT D/G ROOM	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

4491CC9C2
ASP

UNIT: KEWAUNEE

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: TURBINE BUILDING VENT PLANT ID NO: 1-667 COMPONENT: MOTOR MANUFACTURER: GENERAL ELECTRIC MODEL NUMBER: 182T FUNCTION: BATTERY ROOM EMERGENCY FAN COIL SERVICE: FAN DRIVER LOCATION: GRID E.6/8.3/606 TURB BLDG MEZZ FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	111,119 111,119	N/A N/A	N/A N/A	NONE
	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY -

HARSH:

LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION

1-667
TBV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: TURBINE BUILDING VENT	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-668	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MANUFACTURER: GENERAL ELECTRIC							
MODEL NUMBER: 182T	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: BATTERY RM EMERGENCY FAN COIL UNIT 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: FAN DRIVER	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 111,119	N/A N/A	N/A N/A	NONE
LOCATION: GRID F.6/8.4/606 TURB BLDG MEZZ	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION

1-668
TBV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: 480V SUPPLY & DISTRIBUTION	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0326	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: 480V MCC 1-52A CENTER	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MANUFACTURER: GENERAL ELECTRIC							
MODEL NUMBER: 7700 SERIES	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: 480V MOTOR CONTROL CENTER	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SAFEGUARD 480V POWER DISTRIBUTION	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 111,119	N/A N/A	N/A N/A	NONE
LOCATION: GRID AE.8/9.0/586 ADM BLDG BSMT	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION

1E-0326
480V

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: 480V SUPPLY & DISTRIBUTION	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0327	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: 480V MCC 1-62A CENTER MANUFACTURER: GENERAL ELECTRIC	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MODEL NUMBER: 7700 SERIES	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: 480V MOTOR CONTROL CENTER	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SAFEGUARD 480V POWER DISTRIBUTION	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 111,119	N/A N/A	N/A N/A	NONE
LOCATION: ADM BLDG BSMT D/G ROOMS	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION

1E-0327
480V

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: 480V SUPPLY & DISTRIBUTION	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0328	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	37,38 37,38	N/A N/A	N/A N/A	NONE
COMPONENT: 480V MCC1-52B	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	37,38 37,38	N/A N/A	N/A N/A	NONE
MANUFACTURER: GENERAL ELECTRIC							
MODEL NUMBER: 7700 SERIES	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	37,38,43 37,38,43	N/A N/A	N/A N/A	NONE
FUNCTION: MOTOR CONTROL CENTER POWER DISTRIBUTION	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SAFEGUARD 480V POWER DISTRIBUTION	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	116,119 111,119	N/A N/A	N/A N/A	NONE
LOCATION: GRID H.4/6.2/606 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1E-0328
480V

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: 480V SUPPLY & DISTRIBUTION	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0329	TEMPERATURE DEG. F.	60-120	N/A	37,39	N/A	N/A	NONE
COMPONENT: 480V MCC 1-62E CENTER	PRESSURE PSIA	13.7-15.7	N/A	37	N/A	N/A	NONE
MANUFACTURER: GENERAL ELECTRIC							
MODEL NUMBER: 7700 SERIES	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,43	N/A	N/A	NONE
FUNCTION: 480V MOTOR CONTROL CENTER	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SAFEGUARD 480V POWER DISTRIBUTION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	N/A
LOCATION: GRID H.2/ /606 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION

1E-0329
480V

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: 480V SUPPLY & DISTRIBUTION	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0330	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: 480V MCC 1-52C CENTERS	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MANUFACTURER: GENERAL ELECTRIC							
MODEL NUMBER: 7700 SERIES	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: 480V MOTOR CONTROL CENTER	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SAFEGUARD 480V POWER DISTRIBUTION	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 111,119	N/A N/A	N/A N/A	NONE
LOCATION: TURB BLDG BATTERY ROOMS	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION

1E-0330
480V

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: 480V SUPPLY & DISTRIBUTION	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0331	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: 480V MCC 1-62C CENTERS	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MANUFACTURER: GENERAL ELECTRIC							
MODEL NUMBER: 7700 SERIES	RELATIVE HUMIDITY PCT	10-20% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: 480V MOTOR CONTROL CENTER	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SAFEGUARD 480V POWER DISTRIBUTION	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 111,119	N/A N/A	N/A N/A	NONE
LOCATION: TURE BLDG BATTERY ROOMS	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1E-0331
480V

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: 480V SUPPLY & DISTRIBUTION	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0332	TEMPERATURE DEG. F.	60-120 60-120 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: 480V MCC 1-52D CENTERS	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MANUFACTURER: GENERAL ELECTRIC							
MODEL NUMBER: 7700 SERIES	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: 480V MOTOR CONTROL CENTER	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SAFEGUARD 480V POWER DISTRIBUTION	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 111,119	N/A N/A	N/A N/A	NONE
LOCATION: SCREENHOUSE	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: 480V SUPPLY & DISTRIBUTION	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0333	TEMPERATURE DEG. F.	60-120 60-120 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: 480V MCC 1-62D CENTERS	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MANUFACTURER: GENERAL ELECTRIC							
MODEL NUMBER: 7700 SERIES	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: 480V MOTOR CONTROL CENTER	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SAFEGUARD 480V POWER DISTRIBUTION	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 111,119	N/A N/A	N/A N/A	NONE
LOCATION: SCREENHOUSE	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION

1E-0333
480V

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: 480V SUPPLY & DISTRIBUTION	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0334	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	37,38 37,38	N/A N/A	N/A N/A	NONE
COMPONENT: 480V MCC 1-52E	PRESSURE PSIA	13.7-15.7 13.7-15.7 HEIB	N/A N/A	37,38 37,38	N/A N/A	N/A N/A	NONE
MANUFACTURER: GENERAL ELECTRIC							
MODEL NUMBER: 7700 SERIES	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	37,38,43 37,38,43	N/A N/A	N/A N/A	NONE
FUNCTION: MOTOR CONTROL CENTER POWER DISTRIBUTION	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SAFEGUARD 480V POWER DISTRIBUTION	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 111,119	N/A N/A	N/A N/A	NONE
LOCATION: GRID H.9/8/586 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1E-0334
480V

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: 480V SUPPLY & DISTRIBUTION	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0335	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	37,38 37,38	N/A N/A	N/A N/A	NONE
COMPONENT: 480V MCC 1-62E	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	37,38 37,38	N/A N/A	N/A N/A	NONE
MANUFACTURER: GENERAL ELECTRIC							
MODEL NUMBER: 7700 SERIES	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	37,38,43 37,38,43	N/A N/A	N/A N/A	NONE
FUNCTION: MOTOR CONTROL CENTER POWER DISTRIBUTION	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SAFEGUARD 480V POWER DISTRIBUTION	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 111,119	N/A N/A	N/A N/A	NONE
LOCATION: GRID G/6.3/586 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

1E-0335
480V

SYSTEM COMPONENT EVAIUATICN WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: 480V SUPPLY & DISTRIBUTION	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0336	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: 480V MCC 1-52F CENTERS	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: GENERAL ELECTRIC							
MODEL NUMBER: 7700 SERIES	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: 480V MOTOR CONTROL CENTER	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SAFEGUARD 480V POWER DISTRIBUTION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID G.5/7.6/642 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1E-0336
480V

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: 480V SUPPLY & DISTRIBUTION	OPERATIONAL TIME	1 YEAR	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 1E-0337	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	NOTE A	37,38 37,38	NOTE A	NOTE A	NONE
COMPONENT: 480V MCC 1-62F	PRESSURE PSIA	13.7-15.7 13.7-15.7 HEIB	NOTE A	37,38 37,38	NOTE A	NOTE A	NONE
MANUFACTURER: GENERAL ELECTRIC							
MODEL NUMBER: 7700 SERIES	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	NOTE A	37,38,43 37,38,43	NOTE A	NOTE A	NONE
FUNCTION: MOTOR CONTROL CENTER POWER DISTRIBUTION	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SAFEGUARD 480V POWER DISTRIBUTION	RADIATION RADS	3.2E6 <1E5 (HELB)	NOTE A	119 111,119	NOTE A	NOTE A	NONE
LOCATION: GRID G.5/3.0/642 AUX BLDG SW ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (B)
HELB NO

NOTES:

A) THIS MCC (1-62F) WILL BE REPLACED BY A NEW MCC (1-62J) MANUFACTURED BY SQUARE D. THE NEW MCC WILL BE LOCATED IN A NON-HARSH AREA. THIS REPLACEMENT WILL BE COMPLETED IN THE SPRING 1982 OUTAGE (P.O.34248).

1E-0337
480V

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT PRIMARY	INSIDE CONTAINMENT	SYSTEM
1	HONEYWELL	26341	T4010C1017	HEAT DETECTOR	NO	AUX. BLDG. SPECIAL VENT
2	HONEYWELL	26342	T4010C1017	HEAT DETECTOR	NO	AUX. BLDG. SPECIAL VENT
3	HONEYWELL	26343	T4010C1017	HEAT DETECTOR	NO	SHIELD BUILDING VENTILATION
4	HONEYWELL	26344	T4010C1017	HEAT DETECTOR	NO	SHIELD BUILDING VENTILATION
5	HONEYWELL	26345	T4010C1017	HEAT DETECTOR	NO	CR-HVAC
6	HONEYWELL	26346	T4010C1017	HEAT DETECTOR	NO	CR-HVAC

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	1 YEAR	2	133	ANALYSIS	NONE
PLANT ID NO: 26341	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: HEAT DETECTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: HONEYWELL							
MODEL NUMBER: T4010C1017	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ZONE SV FILTER ASSY. 1A HEAT DETECTOR	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ACTUATE 33309 FILTER DELUGE	RADIATION RADS	3.2E6	1E7	41	133	ANALYSIS	NONE
LOCATION: GRID GW.6/6.A/657 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	133	ANALYSIS	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:
IT HAS BEEN DETERMINED THAT FARR HAS FURNISHED A HONEYWELL HEAT DETECTOR FOR THIS SENSOR.

26341
ABSV

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	1 YEAR	2	133	ANALYSIS	NONE
PLANT ID NO: 26342	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: HEAT DETECTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: HONEYWELL							
MODEL NUMBER: T4010C1017	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ZONE SV FILTER ASSY. 1B HEAT DETECTOR	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ACTUATE 33310 FILTER DELUGE	RADIATION RADS	3.2E6	1E7	41	133	ANALYSIS	NONE
LOCATION: GRID GW.6/7.4/657 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	133	ANALYSIS	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (R)

NOTES:

IT HAS BEEN DETERMINED THAT FARR HAS FURNISHED A HONEYWELL HEAT DETECTOR FOR THIS SENSOR.

26342
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SHIELD BUILDING VENTILATION	OPERATIONAL TIME	1 YEAR	1 YEAR	35	133	ANALYSIS	NONE
PLANT ID NO: 26343	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: HEAT DETECTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: HONEYWELL							
MODEL NUMBER: T4010C1017	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SBV FILTER ASS'Y 1A HD	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ACTUATE 33311 FILTER DELUGE	RADIATION RADS	1.2E6	1E7	41	133	ANALYSIS	NONE
LOCATION: GRID GW.0/3.6/655 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	133	ANALYSIS	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (R)

NOTES:

IT HAS BEEN DETERMINED THAT FARR HAS FURNISHED A HONEYWELL HEAT DETECTOR FOR THIS SENSOR.

26343
SBV

UNIT: KEWAUNEE

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SHIELD BUILDING VENTILATION	OPERATIONAL TIME	1 YEAR	1 YEAR	35	133	ANALYSIS	NONE
PLANT ID NO: 26344	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: HEAT DETECTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: HONEYWELL							
MODEL NUMBER: T4010C1017	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SBV FILLTER ASS'Y 1B HD	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ACTUATE 33312 FILTER DELUGE	RADIATION RADS	1.2E6	1E7	41	133	ANALYSIS	NONE
LOCATION: GRID GW.0/4.3/655 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	133	ANALYSIS	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (R)

NOTES:

IT HAS BEEN DETERMINED THAT FARR HAS FURNISHED A HONEYWELL HEAT DETECTOR FOR THIS SENSOR.

26344
SBV

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: CR-HVAC	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 26345	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: HEAT DETECTOR	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: HONEYWELL							
MODEL NUMBER: T4010C1017	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: POST ACC RCRC FILTER 1A HD	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ACTUATE 33353 FILTER DELUGE	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID G.3/8.C/648 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

IT HAS BEEN DETERMINED THAT FARR HAS FURNISHED A HONEYWELL HEAT DETECTOR FOR THIS SENSOR.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: CR-HVAC	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 26346	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: HEAT DETECTOR	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: HONEYWELL							
MODEL NUMBER: T4010C1017	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: POST ACC RCBC FILTER 1B HD	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ACTUATE 33354 FILTER DELUGE	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID G.3/8.0/648 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

IT HAS BEEN DETERMINED THAT FARR HAS FURNISHED A HONEYWELL HEAT DETECTOR FOR THIS SENSOR.

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT PRIMARY	INSIDE CONTAINMENT	SYSTEM
1	JCHNSON	32143	V-5840	MOTOR VALVE	NO	CR-HVAC
2	JCHNSCN	32144	V-5840	MOTOR VALVE	NO	CR-HVAC
3	JCHNSON	32367	M81ACA-3	MOTOR DAMPER	NO	CR-HVAC
4	JCHNSON	32368	M81ACA-3	MOTOR DAMPER	NO	CR-HVAC
5	JCHNSON	32370	M81ACA-3	MOTOR DAMPER	NO	CR-HVAC
6	JCHNSCN	32371	M81ACA-3	MOTOR DAMPER	NO	CR-HVAC
7	JCHNSON	32374	M81ACA-3	MOTOR DAMPER	NO	CR-HVAC
8	JCHNSCN	32375	D-3200	MOTOR DAMPER	NO	SHIELD BUILDING VENTILATION
9	JCHNSON	32376	D-3200	MOTOR DAMPER	NO	SHIELD BUILDING VENTILATION
10	JCHNSON	32377	D-3200	MOTOR DAMPER	NO	SHIELD BUILDING VENTILATION
11	JCHNSCN	32378	D-3200	MOTOR DAMPER	NO	SHIELD BUILDING VENTILATION
12	JCHNSON	32379	D-3200	MOTOR DAMPER	NO	SHIELD BUILDING VENT SYSTEM
13	JCHNSCN	32380	D-3200	MOTOR DAMPER	NO	SHIELD BUILDING VENTILATION
14	JCHNSCN	32382	M81ACA-3	MOTOR	NO	SHIELD BUILDING VENTILATION
15	JCHNSON	32383	M81ACA-3	MOTOR	NO	SHIELD BUILDING VENTILATION
16	JCHNSCN	32384	M81ACA-3	MOTOR	NO	SHIELD BUILDING VENTILATION
17	JCHNSON	32385	M81ACA-3	MOTOR	NO	SHIELD BUILDING VENTILATION

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT PRIMARY	INSIDE CONTAINMENT	SYSTEM
18	JOHNSON	32386	M81ACA-3	MOTOR	NO	SHIELD BUILDING VENTILATION
19	JOHNSON	32387	M81ACA-3	MOTOR	NO	SHIELD BUILDING VENTILATION
20	JOHNSON	33094	V-24	SOLENOID VALVE	NO	CR-HVAC
21	JOHNSON	33252	V-24	SOLENOID VALVE	NO	AUX. BLDG. SPECIAL VENT
22	JOHNSON	33254	V-24	SOLENOID VALVE	NO	AUX. BLDG. SPECIAL VENT
23	JOHNSON	33255	V-24	SOLENOID VALVE	NO	AUX. BLDG. SPECIAL VENT
24	JOHNSON	33256	V-24	SOLENOID VALVE	NO	AUX. BLDG. SPECIAL VENT
25	JOHNSON	33257	V-24	SOLENOID VALVE	NO	AUX. BLDG. SPECIAL VENT
26	JOHNSON	33259	V-24	SOLENOID VALVE	NO	AUX. BLDG. SPECIAL VENT
27	JOHNSON	33260	V-24	SOLENOID VALVE	NO	AUX. BLDG. SPECIAL VENT
28	JOHNSON	3326101	V-24	SOLENOID VALVE	NO	AUX. BLDG. SPECIAL VENT
29	JOHNSON	3326102	V-24	SOLENOID VALVE	NO	AUX. BLDG. SPECIAL VENT
30	JOHNSON	33262-01	V-24	SOLENOID VALVE	NO	AUX. BLDG. SPECIAL VENT
31	JOHNSON	33262-02	V-24	SOLENOID VALVE	NO	AUX. BLDG. SPECIAL VENT
32	JOHNSON	33263-01	V-24	SOLENOID VALVE	NO	AUX. BLDG. SPECIAL VENT

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT	PRIMARY CONTAINMENT	INSIDE	SYSTEM
33	JCHNSCN	33263-02	V-24	SOLENOID VALVE		NO	AUX. BLDG. SPECIAL VENT
34	JCHNSON	33264-01	V-24	SOLENOID VALVE		NO	AUX. BLDG. SPECIAL VENT
35	JCHNSON	33264-02	V-24	SOLENOID VALVE		NO	AUX. BLDG. SPECIAL VENT
36	JCHNSON	33267	V-24	SOLENOID VALVE		NO	AUX. BLDG. SPECIAL VENT
37	JCHNSON	33268-01	V-24	SOLENOID VALVE		NO	AUX. BLDG. SPECIAL VENT
38	JCHNSON	33268-02	V-24	SOLENOID VALVE		NO	AUX. BLDG. SPECIAL VENT
39	JCHNSON	3327001	V-24	SOLENOID VALVE		NO	AUX. BLDG. SPECIAL VENT
40	JCHNSON	3327002	V-24	SOLENOID VALVE		NO	AUX. BLDG. SPECIAL VENT
41	JCHNSON	33271	V-24	SOLENOID VALVE		NO	AUX. BLDG. SPECIAL VENT
42	JCHNSON	33289	V-24	SOLENOID VALVE		NO	SHIELD BUILDING VENTILATION
43	JCHNSON	33290	V-24	SOLENOID VALVE		NO	SHIELD BUILDING VENTILATION
44	JCHNSON	33328	V-24	SOLENOID VALVE		NO	AUX. BLDG. SPECIAL VENT
45	JCHNSON	33329	V-24	SOLENOID VALVE		NO	AUX. BLDG. SPECIAL VENT
46	JCHNSON	33366	V-24	SOLENOID VALVE		NO	AUX. BLDG. SPECIAL VENT

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT PRIMARY	INSIDE CONTAINMENT	SYSTEM
47	JOHNSON	3336701	V-24-2	SOLENOID VALVE	NO	TURBINE BUILDING VENT
48	JOHNSON	3336702	V-24-2	SOLENOID VALVE	NO	TURBINE BUILDING VENT
49	JOHNSON	3336801	V-24-2	SOLENOID VALVE	NO	TURBINE BUILDING VENT
50	JOHNSON	3336802	V-24-2	SOLENOID VALVE	NO	TURBINE BUILDING VENT
51	JOHNSON	3336901	V-24-2	SOLENOID VALVE	NO	TURBINE BUILDING VENT
52	JOHNSON	3336902	V-24-2	SOLENOID VALVE	NO	TURBINE BUILDING VENT
53	JOHNSON	3337001	V-24-2	SOLENOID VALVE	NO	TURBINE BUILDING VENT
54	JOHNSON	3337002	V-24-2	SOLENOID VALVE	NO	TURBINE BUILDING VENT
55	JOHNSON	33429	V-24	SOLENOID VALVE	NO	AUX. BLDG. SPECIAL VENT
56	JOHNSON	33430	V-24	SOLENOID VALVE	NO	AUX. BLDG. SPECIAL VENT
57	JOHNSON	33431	V-24	SOLENOID VALVE	NO	AUX. BLDG. SPECIAL VENT
58	JOHNSON	33432	V-24	SOLENOID VALVE	NO	AUX. BLDG. SPECIAL VENT
59	JOHNSON	33433	V-24	SOLENOID VALVE	NO	AUX. BLDG. SPECIAL VENT
60	JOHNSON	33434	V-24	SOLENOID VALVE	NO	AUX. BLDG. SPECIAL VENT

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT PRIMARY	INSIDE CONTAINMENT	SYSTEM
61	JOHNSON	33436	V-24	SOLENOID VALVE	NO	AUX. BLDG. SPECIAL VENT
62	JOHNSON	33437	V-24	SOLENOID VALVE	NO	AUX. BLDG. SPECIAL VENT
63	JOHNSON	33438	V-24	SOLENOID VALVE	NO	AUX. BLDG. SPECIAL VENT
64	JOHNSON	33439	V-24	SOLENOID VALVE	NO	AUX. BLDG. SPECIAL VENT
65	JOHNSON	33440	V-24	SOLENOID VALVE	NO	AUX. BLDG. SPECIAL VENT
66	JOHNSON	33441	V-24	SOLENOID VALVE	NO	AUX. BLDG. SPECIAL VENT
67	JOHNSON	33442	V-24	SOLENOID VALVE	NO	AUX. BLDG. SPECIAL VENT
68	JOHNSON	33443	V-24	SOLENOID VALVE	NO	AUX. BLDG. SPECIAL VENT
69	JOHNSON	33444	V-24	SOLENOID VALVE	NO	AUX. BLDG. SPECIAL VENT
70	JOHNSON	33445	V-24	SOLENOID VALVE	NO	AUX. BLDG. SPECIAL VENT
71	JOHNSON	33447	V-24	SOLENOID VALVE	NO	AUX. BLDG. SPECIAL VENT
72	JOHNSON	33448	V-24	SOLENOID VALVE	NO	AUX. BLDG. SPECIAL VENT
73	JOHNSON	33450	V-24	SOLENOID VALVE	NO	AUX. BLDG. SPECIAL VENT
74	JOHNSON	33451	V-24	SOLENOID VALVE	NO	AUX. BLDG. SPECIAL VENT

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT	INSIDE PRIMARY CONTAINMENT	SYSTEM
75	JCHNSON	33452	V-24	SOLENOID VALVE	NO	AUX. BLDG. SPECIAL VENT
76	JCHNSCN	33453	V-24	SOLENOID VALVE	NO	AUX. BLDG. SPECIAL VENT
77	JCHNSON	33454	V-24 SAV	SOLENOID VALVE	NO	TURBINE BUILDING VENT
78	JCHNSCN	33455	V-24 SAV	SOLENOID VALVE	NO	TURBINE BUILDING VENT
79	JCHNSCN	33456	V-24 SAV	SOLENOID VALVE	NO	TURBINE BUILDING VENT
80	JCHNSON	33457	V-24 SAV	SOLENOID VALVE	NO	TURBINE BUILDING VENT

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -I LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: CR-HVAC	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 32143	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: MOTOR VALVE MANUFACTURER: JOHNSON	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MODEL NUMBER: V-5840	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: CR A/C UNIT 1A 3-WAY MIX MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: TEMP. CONTROL	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID G.4/8.7/648 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: CR-HVAC	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 32144	TEMPERATURE DEG. F.	70-85 70-85 (HELB)	N/A N/A	40 40	N/A N/A	N/A N/A	NONE
COMPONENT: MOTOR VALVE	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	40 40	N/A N/A	N/A N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-5840	RELATIVE HUMIDITY PCT	10-40% 10-40% (HELB)	N/A N/A	40 40	N/A N/A	N/A N/A	NONE
FUNCTION: CR A/C UNIT 1B 3-WAY MIX MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: TEMP. CONTROL	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 111,119	N/A N/A	N/A N/A	NONE
LOCATION: GRID G.5/8.7/648 AUX BLDG	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: CR-HVAC	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 32367	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: MOTOR DAMPER	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: M81ACA-3	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: AUX. BLDG. AIR COND INLET RD	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID G.9/9.0/655 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: CR-HVAC	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 32368	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: MOTOR DAMPER	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: M81ACA-3	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: AUX. BLDG. VENT INLET MD	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID GW.7/8.9/652 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: CR-HVAC	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 32370	TEMPERATURE DEG. F.	70-85 70-85 (HELB)	N/A N/A	40 40	N/A N/A	N/A N/A	NONE
COMPONENT: MOTOR DAMPER	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	40 40	N/A N/A	N/A N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: M81ACA-3	RELATIVE HUMIDITY PCT	10-40% 10-40% (HELB)	N/A N/A	40 40	N/A N/A	N/A N/A	NONE
FUNCTION: FCST ACC FRESH AIR MD	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 111,119	N/A N/A	N/A N/A	NONE
LOCATION: GRID GW.5/8.9/652 AUX BLDG	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: CR-HVAC	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 32371	TEMPERATURE DEG. F.	70-85 70-85 (HELB)	N/A N/A	40 40	N/A N/A	N/A N/A	NONE
COMPONENT: MOTOR DAMPER	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	40 40	N/A N/A	N/A N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: M81ACA-3	RELATIVE HUMIDITY PCT	10-40% 10-40% (HELB)	N/A N/A	40 40	N/A N/A	N/A N/A	NONE
FUNCTION: POST ACC RECIRC MD	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 111,119	N/A N/A	N/A N/A	NONE
LOCATION: GRID G.25/7.8/651 AUX BLDG	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: CR-HVAC	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 32374	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: MOTOR DAMPER	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: M81ACA-3	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: CONT RM RECIRC ISOL MD	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID G.3/8.9/652 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SHIELD BUILDING VENTILATION	OPERATIONAL TIME	1 YEAR	>2 YEARS	35	150	ANALYSIS	NONE
PLANT ID NO: 32375	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	37,38 37,38	N/A N/A	N/A N/A	NONE
COMPONENT: MOTOR DAMPER	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	37,38 37,38	N/A N/A	N/A N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: D-3200	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	37,38,43 37,38,43	N/A N/A	N/A N/A	NONE
FUNCTION: SBV SYS RCRC FAN 1A CHECK MD	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SBV4-1 DAMPER OPERATOR	RADIATION RADS	3.8E5 <1E5 (HELB)	1E6 N/A	41 111,119	68 N/A	N/A N/A	NONE
LOCATION: GRID HE.4/4.3/660 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

32375
SBV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SHIELD BUILDING VENTILATION	OPERATIONAL TIME	1 YEAR	>2 YEARS	35	150	ANALYSIS	NONE
PLANT ID NO: 32376	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR DAMPER	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: D-3200	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SBV SYS RCRC FAN 1A CHECK MD	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SBV4-2 DAMPER OPERATOR	RADIATION RADS	3.8E5	1E6	41	68	ANALYSIS	NONE
LOCATION: GRID HE.4/3.8/660 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

32376
SBV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SHIELD BUILDING VENTILATION	OPERATIONAL TIME	1 YEAR	>2 YEARS	35	150	ANALYSIS	NONE
PLANT ID NO: 32377	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR DAMPER	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: D-3200	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SBV SYS RCRC FAN 1A CHECK MD	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SBV5-1 DAMPER OPERATOR	RADIATION RADS	3.8E5	1E6	41	68	ANALYSIS	NONE
LOCATION: GRID HE.0/4.2/663 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SHIELD BUILDING VENTILATION	OPERATIONAL TIME	1 YEAR	>1.5 YEARS	35	156	ANALYSIS	NONE
PLANT ID NO: 32378	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR DAMPER	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: D-3200	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SBV SYS RCRC FAN 1B CHECK MD	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SBV4-3 DAMPER OPERATOR	RADIATION RADS	5.7E5	1E6	41	68	ANALYSIS	NONE
LOCATION: GRID HE.4/3.6/660 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

32378
SBV

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SHIELD BUILDING VENT SYSTEM	OPERATIONAL TIME	1 YEAR	>1.5 YEARS	35	156	ANALYSIS	NONE
PLANT ID NO: 32379	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR DAMPER	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: D-3200	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SBV SYS RCRC FAN 1B CHECK MD	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SBV4-4 DAMPER OPERATOR	RADIATION RADS	5.7E5	1E6	41	68	ANALYSIS	NONE
LOCATION: GRID HE.4/3.8/660 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

BARSH:

LOCA YES (R)

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

32379
SBV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SHIELD BUILDING VENTILATION	OPERATIONAL TIME	1 YEAR	>1.5 YEARS	35	156	ANALYSIS	NONE
PLANT ID NO: 32380	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR DAMPER	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: D-3200	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SBV SYS EXHT 1B CHECK MD	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SBV5-2 DAMPER OPERATOR	RADIATION RADS	5.6E5	1E6	41	68	ANALYSIS	NONE
LOCATION: GRID HE.4/3.8/660 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

32380
SBV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SHIELD BUILDING VENTILATION	OPERATIONAL TIME	1 YEAR	>2 YEARS	35	155	ANALYSIS	NONE
PLANT ID NO: 32382	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: M81ACA-3	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SBV RECIRC. FAN 1A EXHAUST DAMPER	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SBV1-1 DAMPER OPERATOR	RADIATION RADS	4.7E5	1E6	41	68	ANALYSIS	NONE
LOCATION: GRID HE.5/4.2/660 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SHIELD BUILDING VENTILATION	OPERATIONAL TIME	1 YEAR	>3 YEARS	35	152	ANALYSIS	NONE
PLANT ID NO: 32383	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: M81ACA-3	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SBV RECIRC. FAN 1A DISCH. DAMPER	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SBV2-1 DAMPER OPERATOR	RADIATION RADS	3.1E5	1E6	41	68	ANALYSIS	NONE
LOCATION: GRID HE.1/4.2/663 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

32383
SBV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SHIELD BUILDING VENTILATION	OPERATIONAL TIME	1 YEAR	>2 YEARS	35	155	ANALYSIS	NONE
PLANT ID NO: 32384	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: M81ACA-3	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SBV RECIRC. FAN 1A RCRC MD	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SBV1-2 DAMPER OPERATOR	RADIATION RADS	4.7E5	1E6	41	68	ANALYSIS	NONE
LOCATION: GRID HE.5/4.3/660 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

32384
SBV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SHIELD BUILDING VENTILATION	OPERATIONAL TIME	1 YEAR	>1.1 YEARS	35	153	ANALYSIS	NONE
PLANT ID NO: 32385	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: M81ACA-3	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SBV RECIRC. FAN 1B EXHAUST DAMPER	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SBV1-3 DAMPER OPERATOR	RADIATION RADS	8.4E5	1E6	41	68	ANALYSIS	NONE
LOCATION: GRID HE.5/3.7/660 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (B)

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

32385
SBV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SHIELD BUILDING VENTILATION	OPERATIONAL TIME	1 YEAR	3 YEARS	35	154	ANALYSIS	NONE
PLANT ID NO: 32386	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: M81ACA-3	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SBV RECIRC. FAN 1B DISCH. DAMPER	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SBV2-2 DAMPER OPERATOR	RADIATION RADS	3.4E5	1E6	41	68	ANALYSIS	NONE
LOCATION: GRID NE.1/4.7/663 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SHIELD BUILDING VENTILATION	OPERATIONAL TIME	1 YEAR	>1.1 YEARS	35	151	ANALYSIS	NONE
PLANT ID NO: 32387	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: M81ACA-3	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SBV RECIRC. FAN 1B RCBC MD	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SBV1-4 DAMPER OPERATOR	RADIATION RADS	8.8E5	1E6	41	68	ANALYSIS	NONE
LOCATION: GRID HE.5/3.6/660 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

32387
SBV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: CR-HVAC	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 33094	TEMPERATURE DEG. F.	70-85 70-85 (HELB)	N/A N/A	40 40	N/A N/A	N/A N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	40 40	N/A N/A	N/A N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-40% 10-40% (HELB)	N/A N/A	40 40	N/A N/A	N/A N/A	NONE
FUNCTION: NON-ACC FRESH AIR DAMPER SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 111,119	N/A N/A	N/A N/A	NONE
LOCATION: @CD-34007 GRID G.9/8.9/651 AUX BLDG	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO
HELE NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	NOTE A	2	NOTE A	NOTE A	NONE
PLANT ID NO: 33252	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ASV BOUNDARY DAMPERS	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	3.2E6	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: @CD-34010 GRID. GW.5/5.9/663 AUX BLDG SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

A) VALVE WILL DE-ENERGIZE AND THE ASSOCIATED DAMPER VALVE WILL OPEN. FAILURE OF THE SOLENOID VALVE FROM RADIATION IN THE DE-ENERGIZED POSITION WILL NOT CAUSE THE DAMPER VALVE TO CHANGE POSITION, AND THE DAMPER VALVE WILL REMAIN IN ITS DESIGNED SAFE POSITION.
B) SEE AGING PROGRAM DESCRIPTION.

33252
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	NOTE A	2	NOTE A	NOTE A	NONE
PLANT ID NO: 33254	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSORE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ZONE SV BOUNDARY DAMPER 1B TRAIN A SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	3.2E6	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: @CV-34049 GRID G.3/2.0/658 AUX BLDG SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (B)

NOTES:

A) THERE IS NO ENVIRONMENTALLY INDUCED MECHANISM THAT CAN CAUSE FAILURE TO DE-ENERGIZE OR SPURIOUS RE-ENERGIZATION OF THE SOLENOID VALVE'S COIL & SUBSEQUENT FAILURE TO CLOSE OR SPURIOUS REOPENING OF THE ASSOCIATED BOUNDARY DAMPER. THEREFORE, E.Q. OF THE ZONE SV ISOL AND STEAM EXCL BOUNDARY DAMPER SV IS NOT REQ'D TO COMPLY WITH NRC BULLETIN 79-01B.
B) SEE AGING PROGRAM DESCRIPTION.

33254
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	NOTE A	2	NOTE A	NOTE A	NONE
PLANT ID NO: 33255	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ASV BOUNDARY DAMPER	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	3.2E6	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: @CD-34013 GRID GW.5/8.0/663 AUX BLDG SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (R)

NOTES:

A) VALVE WILL DE-ENERGIZE AND THE ASSOCIATED DAMPER VALVE WILL OPEN. FAILURE OF THE SOLENOID VALVE FROM RADIATION IN THE DE-ENERGIZED POSITION WILL NOT CAUSE THE DAMPER VALVE TO CHANGE POSITION, AND THE DAMPER VALVE WILL REMAIN IN ITS DESIGNED SAFE POSITION.

B) SEE AGING PROGRAM DESCRIPTION.

33255
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

DOCKET: 50-305

03/30/82
REVISED 04/01/82

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	NOTE A	2	NOTE A	NOTE A	NONE
PLANT ID NO: 33256	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ASV BOUNDARY DAMPER	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS.	3.2E6	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: @CD-34014 GRID GW.5/6.9/662 AUX BLDG SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (B)

NOTES:

A) VALVE WILL DE-ENERGIZE AND THE ASSOCIATED DAMPER VALVE WILL OPEN. FAILURE OF THE SOLENOID VALVE FROM RADIATION IN THE DE-ENERGIZED POSITION WILL NOT CAUSE THE DAMPER VALVE TO CHANGE POSITION, AND THE DAMPER VALVE WILL REMAIN IN ITS DESIGNED SAFE POSITION.
B) SEE AGING PROGRAM DESCRIPTION.

33256
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	NOTE A	2	NOTE A	NOTE A	NONE
PLANT ID NO: 33257	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ASV BOUNDARY DAMPERS	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	3.2E6	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: @CD-34015 GRID GW.6/6.9/662 AUX BLDG SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (R)

NOTES:

A) VALVE WILL DE-ENERGIZE AND THE ASSOCIATED DAMPER VALVE WILL OPEN. FAILURE OF THE SOLENOID VALVE FROM RADIATION IN THE DE-ENERGIZED POSITION WILL NOT CAUSE THE DAMPER VALVE TO CHANGE POSITION, AND THE DAMPER VALVE WILL REMAIN IN ITS DESIGNED SAFE POSITION.

B) SEE AGING PROGRAM DESCRIPTION.

33257
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	NOTE A	2	NOTE A	NOTE A	NONE
PLANT ID NO: 33259	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ASV BOUNDARY DAMPER	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	1.4E5	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: @CD-34017 GRID G.9/4.9/642 AUX BLDG SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

A) VALVE WILL DE-ENERGIZE AND THE ASSOCIATED DAMPER VALVE WILL OPEN. FAILURE OF THE SOLENOID VALVE FROM RADIATION IN THE DE-ENERGIZED POSITION WILL NOT CAUSE THE DAMPER VALVE TO CHANGE POSITION, AND THE DAMPER VALVE WILL REMAIN IN ITS DESIGNED SAFE POSITION.

B) SEE AGING PROGRAM DESCRIPTION.

33259
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 08/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 33260	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ZONE SV BOUNDARY DAMPER 1B TRAIN A SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: @CV-34018 GRID GW.1/6.7/654 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33260
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 3326101	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ZONE SV BOUNDARY DAMPER (34019)	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID H.1/9S.9/629 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

3326101
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 3326102	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ZONE SV BOUNDARY DAMPER (34019)	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID H.1/9S.9/629 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	NOTE A	2	NOTE A	NOTE A	NONE
PLANT ID NO: 33262-01	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ASV BOUNDARY DAMPERS	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	4.1E5	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: @CD-34020 GRID GW.8/8.8/668 AUX BLDG SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

A) VALVE WILL DE-ENERGIZE AND THE ASSOCIATED DAMPER VALVE WILL OPEN. FAILURE OF THE SOLENOID VALVE FROM RADIATION IN THE DE-ENERGIZED POSITION WILL NOT CAUSE THE DAMPER VALVE TO CHANGE POSITION, AND THE DAMPER VALVE WILL REMAIN IN ITS DESIGNED SAFE POSITION.
B) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	NOTE A	2	NOTE A	NOTE A	NONE
PLANT ID NO: 33262-02	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ASV BOUNDARY DAMPERS	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	4.1E5	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: @CD-34020 GRID GW.8/8.8/668 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (B)

NOTES:

A) VALVE WILL DE-ENERGIZE AND THE ASSOCIATED DAMPER VALVE WILL OPEN. FAILURE OF THE SOLENOID VALVE FROM RADIATION IN THE DE-ENERGIZED POSITION WILL NOT CAUSE THE DAMPER VALVE TO CHANGE POSITION, AND THE DAMPER VALVE WILL REMAIN IN ITS DESIGNED SAFE POSITION.
B) SEE AGING PROGRAM DESCRIPTION.

33262-02
ABSV

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL.	OUTSTANDING
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.	METHOD	ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 33263-01	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ASV BOUNDARY DAMPERS	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: @CD-34021 GRID G.3/7.2/665 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33263-01
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 33263-02	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ASV BOUNDARY DAMPERS	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: @CD-34021 GRID G.3/7.2/665 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33263-02
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 33264-01	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ASV BOUNDARY DAMPERS	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: @CD-34022 GRID G.3/8.1/665 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33264-01
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 33264-02	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ASV BOUNDARY DAMPERS	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: @CD-34022 GRID G.3/8.1/665 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33264-02
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	NOTE A	2	NOTE A	NOTE A	NONE
PLANT ID NO: 33267	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ASV BOUNDARY DAMPERS	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	4.1E5	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: @CD-34025 GRID G.5/6.9/665 AUX BLDG SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:

A) VALVE WILL DE-ENERGIZE AND THE ASSOCIATED DAMPER VALVE WILL OPEN. FAILURE OF THE SOLENOID VALVE FROM RADIATION IN THE DE-ENERGIZED POSITION WILL NOT CAUSE THE DAMPER VALVE TO CHANGE POSITION, AND THE DAMPER VALVE WILL REMAIN IN ITS DESIGNED SAFE POSITION.
B) SEE AGING PROGRAM DESCRIPTION.

33267
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	NOTE A	2	NOTE A	NOTE A	NONE
PLANT ID NO: 33268-01	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ASV BOUNDARY DAMPERS	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	3.2E6	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: @CD-34026 GRID GW.9/7.9/667 AUX BLDG SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

A) VALVE WILL DE-ENERGIZE AND THE ASSOCIATED DAMPER VALVE WILL OPEN. FAILURE OF THE SOLENOID VALVE FROM RADIATION IN THE DE-ENERGIZED POSITION WILL NOT CAUSE THE DAMPER VALVE TO CHANGE POSITION, AND THE DAMPER VALVE WILL REMAIN IN ITS DESIGNED SAFE POSITION.
B) SEE AGING PROGRAM DESCRIPTION.

33268-01
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	NOTE A	2	NOTE A	NOTE A	NONE
PLANT ID NO: 33268-02	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ASV BOUNDARY DAMPERS	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	3.2E6	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: @CD-34026 GRID GW.9/7.9/667 AUX BLDG SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

A) VALVE WILL DE-ENERGIZE AND THE ASSOCIATED DAMPER VALVE WILL OPEN. FAILURE OF THE SOLENOID VALVE FROM RADIATION IN THE DE-ENERGIZED POSITION WILL NOT CAUSE THE DAMPER VALVE TO CHANGE POSITION, AND THE DAMPER VALVE WILL REMAIN IN ITS DESIGNED SAFE POSITION.
B) SEE AGING PROGRAM DESCRIPTION.

33268-02
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 3327001	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ZONE SV BOUNDARY DAMPER (34027)	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID H.2/9S.9/629 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

3327001
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 3327002	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ZONE SV BOUNDARY DAMPER (34027)	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID H.2/9S.9/629 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

3327002
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	NOTE A	2	NOTE A	NOTE A	NONE
PLANT ID NO: 33271	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ASV BOUNDARY DAMPERS	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	3.2E6	NOTE B	41	NOTE A	NOTE A	NONE
LOCATION: @CD-34028 GRID HE.1/5.7/668 AUX BLDG SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

A) THERE IS NO ENVIRONMENTALLY INDUCED MECHANISM THAT CAN CAUSE FAILURE TO DE-ENERGIZE OR SPURIOUS RE-ENERGIZATION OF THE SOLENOID VALVE'S COIL & SUBSEQUENT FAILURE TO CLOSE OR SPURIOUS REOPENING OF THE ASSOCIATED BOUNDARY DAMPER. THEREFORE, E.Q. OF THE ZONE SV ISOL AND STEAM EXCL BOUNDARY DAMPER SV IS NOT REQ'D TO COMPLY WITH NRC BULLETIN 79-01B.
B) SEE AGING PROGRAM DESCRIPTION.

33271
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SHIELD BUILDING VENTILATION	OPERATIONAL TIME	1 YEAR	NOTE A	86	NOTE A	NOTE A	NONE
PLANT ID NO: 33289	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SBV FILTER ASSY 1A INLET DAMPER SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	1.2E6	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: GRID G.5/4.3/647 AUX BLDG SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

A) THERE IS NO ENVIRONMENTALLY INDUCED MECHANISM THAT CAN CAUSE FAILURE TO DE-ENERGIZE OR SPURIOUS RE-ENERGIZATION OF THE SOLENOID VALVE'S COIL & SUBSEQUENT FAILURE TO CLOSE OR SPURIOUS OPENING OF THE ASSOCIATED BOUNDARY DAMPER. THEREFORE, E.Q. OF THE ZONE SV ISOL AND STEAM EXCL BOUNDARY DAMPER SV IS NOT REQ'D TO COMPLY WITH NRC BULLETIN 79-01B.
B) SEE AGING PROGRAM DESCRIPTION.

33289
SBV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SHIELD BUILDING VENTILATION	OPERATIONAL TIME	1 YEAR	NOTE A	86	NOTE A	NOTE A	NONE
PLANT ID NO: 33290	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SBV FILTER ASSY 1B INLET DAMPER SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	1.2E6	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: GRID G.5/4.3/647 AUX BLDG SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (B)

NOTES:

A) THERE IS NO ENVIRONMENTALLY INDUCED MECHANISM THAT CAN CAUSE FAILURE TO DE-ENERGIZE OR SPURIOUS RE-ENERGIZATION OF THE SOLENOID VALVE'S COIL & SUBSEQUENT FAILURE TO CLOSE OR SPURIOUS RECPENING OF THE ASSOCIATED BOUNDARY DAMPER. THEREFORE, E.Q. OF THE ZONE SV ISOL AND STEAM EXCL BOUNDARY DAMPER SV IS NOT REQ'D TO COMPLY WITH NRC BULLETIN 79-01B.
B) SEE AGING PROGRAM DESCRIPTION.

33290
SBV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	NOTE A	2	NOTE A	NOTE A	NONE
PLANT ID NO: 33328	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ASV BOUNDARY DAMPER	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	1.4E5	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: @CD-34046 GRID G.1/4.7/644 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (R)

NOTES:

A) THERE IS NO ENVIRONMENTALLY INDUCED MECHANISM THAT CAN CAUSE FAILURE TO DE-ENERGIZE OR SPURIOUS RE-ENERGIZATION OF THE SOLENOID VALVE'S COIL & SUBSEQUENT FAILURE TO CLOSE OR SPURIOUS REOPENING OF THE ASSOCIATED BOUNDARY DAMPER. THEREFORE, E.Q. OF THE ZONE SV ISOL AND STEAM EXCL BOUNDARY DAMPER SV IS NOT REQ'D TO COMPLY WITH NRC BULLETIN 79-01B.
B) SEE AGING PROGRAM DESCRIPTION.

33328
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	NOTE A	2	NOTE A	NOTE A	NONE
PLANT ID NO: 33329	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ASV BOUNDARY DAMPER	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	1.4E5	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: @CD-34047 GRID G.0/4.8/644 AUX BLDG SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

A). THERE IS NO ENVIRONMENTALLY INDUCED MECHANISM THAT CAN CAUSE FAILURE TO DE-ENERGIZE OR SPURIOUS RE-ENERGIZATION OF THE SOLENOID VALVE'S COIL & SUBSEQUENT FAILURE TO CLOSE OR SPURIOUS OPENING OF THE ASSOCIATED BOUNDARY DAMPER. THEREFORE, E.Q. OF THE ZONE SV ISOL AND STEAM EXCL BOUNDARY DAMPER SV IS NOT REQ'D TO COMPLY WITH NRC BULLETIN 79-01B.
B) SEE AGING PROGRAM DESCRIPTION.

33329
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	NOTE A	2	NOTE A	NOTE A	NONE
PLANT ID NO: 33366	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ASV BOUNDARY DAMPERS	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	1.4E5	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: @CD-34003 GRID G.1/4.E/645 AUX BLDG SV ZONE	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (R)

NOTES:

A) THERE IS NO ENVIRONMENTALLY INDUCED MECHANISM THAT CAN CAUSE FAILURE TO DE-ENERGIZE OR SPURIOUS RE-ENERGIZATION OF THE SOLENOID VALVE'S COIL & SUBSEQUENT FAILURE TO CLOSE OR SPURIOUS REOPENING OF THE ASSOCIATED BOUNDARY DAMPER. THEREFORE, E.Q. OF THE ZONE SV ISOL AND STEAM EXCL BOUNDARY DAMPER SV IS NOT REQ'D TO COMPLY WITH NRC BULLETIN 79-01B.
B) SEE AGING PROGRAM DESCRIPTION.

33366
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: TURBINE BUILDING VENT	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 3336701	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24-2	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: D/G RM 1A INLET DAMPER SV 1A1	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 111,119	N/A N/A	N/A N/A	NONE
LOCATION: @CD-34004 GRID AZ.0/7.7/601 TURB BLDG	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION

3336701
TBV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: TURBINE BUILDING VENT	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 3336702	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24-2	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: D/G RM 1A INLET DAMPER SV 1A2	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 111,119	N/A N/A	N/A N/A	NONE
LOCATION: @CD-34004 GRID AE.0/7.7/601 TURB BLDG	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
ELCOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION

3336702
TBV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: TURBINE BUILDING VENT	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 3336801	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24-2	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: D/G ROOM 1B INLET DAMPER SV 1E1	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: @CD-34045 GRID AE.0/6.2/601 TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION

3336801
TBV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: TURBINE BUILDING VENT	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 3336802	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24-2	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: D/G ROOM 1B INLET DAMPER SV 1E2	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: @CD-34045 GRID AE.0/6.2/601 TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION

3336802
TBV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: TURBINE BUILDING VENT	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 3336901	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24-2	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: D/G RM 1A OUTLET DAMPER SV 1A1	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 111,119	N/A N/A	N/A N/A	NONE
LOCATION: @CD-34011 GRID AE.2/7.3/631 ADM BLDG BSMT	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION

3336901
TBV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: TURBINE BUILDING VENT	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 3336902	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24-2	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: D/G RM 1A OUTLET DAMPER SV 1A2	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 111,119	N/A N/A	N/A N/A	NONE
LOCATION: @CD-34011 GRID AE.2/7.3/631 ADM BLDG BSMT	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: TURBINE BUILDING VENT	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 3337001	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24-2	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: D/G ROOM 1B OUTLET DAMPER SV 1E1	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: @CD-34012 GRID AE.2/6.7/603 TURB BLDG BSMT	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION

3337001
TBV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: TURBINE BUILDING VENT	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 3337002	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24-2	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: D/G ROOM 1B OUTLET DAMPER SV 1E2	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: @CD-34012 GRID AE.2/6.7/603 TURB BLDG BSMT	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION

3337002
TBV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 33429	TEMPERATURE DEG. F.	60-104	N/A	37,39,111	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,39,111	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,111	N/A	N/A	NONE
FUNCTION: STM EXCL BDRY DMPR 1A SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: @CD-34050 GRID AR.4/2.1/626 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33429
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 33430	TEMPERATURE DEG. F.	60-104	N/A	37,39,111	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,39,111	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,111	N/A	N/A	NONE
FUNCTION: STM EXCL BDRY DMPR 1B SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL DMPR 1B SV	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: @CD-34051 GRID G.4/2.1/626 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33430
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 33431	TEMPERATURE DEG. F.	60-104	N/A	37,39,111	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,39,111	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,111	N/A	N/A	NONE
FUNCTION: STM EXCL BDRY DMPR 2A SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: @CV-34052 GRID GW.9/3.2/626 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELP NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33431
ABSV

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 33432	TEMPERATURE DEG. F.	60-104	N/A	37,39,111	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,39,111	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,111	N/A	N/A	NONE
FUNCTION: STM EXCL BDRY DMPR 2B SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: @CD-34053 GRID GW.9/3.2/626 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33432
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	NOTE A	2	NOTE A	NOTE A	NONE
PLANT ID NO: 33433	TEMPERATURE DEG. F.	234	NOTE A	111	NOTE A	NOTE A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	111	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	100%	NOTE A	111	NOTE A	NOTE A	NONE
FUNCTION: STM EXC BNDRY DMPR 5 SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: @CD-34054 GRID H.2/8.9/628 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

HELB YES (T,H)

NOTES:

A) THERE IS NO ENVIRONMENTALLY INDUCED MECHANISM THAT CAN CAUSE FAILURE TO DE-ENERGIZE OR SPURIOUS RE-ENERGIZATION OF THE SOLENOID VALVE'S COIL & SUBSEQUENT FAILURE TO CLOSE OR SPURIOUS OPENING OF THE ASSOCIATED BOUNDARY DAMPER. THEREFORE, E.Q. OF THE ZONE SV ISOL AND STEAM EXCL BOUNDARY DAMPER SV IS NOT REQ'D TO COMPLY WITH NRC BULLETIN 79-01B.

33433
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	NOTE A	2	NOTE A	NOTE A	NONE
PLANT ID NO: 33434	TEMPERATURE DEG. F.	106	N/A	111	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	111	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	100%	NOTE A	111	NOTE A	NOTE A	NONE
FUNCTION: STM EXCL BDRY DMPR 6 SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: @ CD-34055 GRID GW.8/5.7/657 AUX BLDG	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB YES (H)

NOTES:

A) THERE IS NO ENVIRONMENTALLY INDUCED MECHANISM THAT CAN CAUSE FAILURE TO DE-ENERGIZE OR SPURIOUS RE-ENERGIZATION OF THE SOLENOID VALVE'S COIL & SUBSEQUENT FAILURE TO CLOSE OR SPURIOUS REOPENING OF THE ASSOCIATED BOUNDARY DAMPER. THEREFORE, E.Q. OF THE ZONE SV ISOL AND STEAM EXCL BOUNDARY DAMPER SV IS NOT REQ'D TO COMPLY WITH NRC BULLETIN 79-01B.
B) SEE AGING PROGRAM DESCRIPTION.

33434
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 33436	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: STM EXCL BDRY DAMPR 7 SV 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: @ CD-34056 GRID GW.5/8.7/657 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33436
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 33437	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: STM EXCL BNDRY DAMPER 3A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: @ CD-34057 GRID B.1/8.1/586 TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33437
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 33438	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: STM EXCL ENDRY DAMPER 3E	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: @ CD-34058 GRID B.1/8.1/586 TURE BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33438
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 33439	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: STM EXCL BNDRY DAMPER 3C	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: @ CB-34059 GRID F.9/8.2/606 TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33439
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 33440	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: STM EXCL ENDRY DAMPER 3D	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: @ CL-34060 GRID F.9/8.2/606 TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33440
ABSV

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 33441	TEMPERATURE DEG. F.	70-85 70-85 (HELB)	N/A N/A	40 40	N/A N/A	N/A N/A	NONE
COMPONENT: SOLENOID VAIVE	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	40 40	N/A N/A	N/A N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-40% 10-40% (HELB)	N/A N/A	40 40	N/A N/A	N/A N/A	NONE
FUNCTION: STM EXCL ENDRY DAMPER 8A SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 111,119	N/A N/A	N/A N/A	NONE
LOCATION: @CD-34061 GRID G.1/8.8/642 AUX BLDG	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION

33441
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 33442	TEMPERATURE DEG. F.	70-85 70-85 (HELB)	N/A N/A	40 40	N/A N/A	N/A N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	40 40	N/A N/A	N/A N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-40% 10-40% (HELB)	N/A N/A	40 40	N/A N/A	N/A N/A	NONE
FUNCTION: STM EXCL BNDRY DAMPER BE SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 111,119	N/A N/A	N/A N/A	NONE
LOCATION: @CD-34062 GRID G.1/8.8/642 AUX BLDG	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION

33442
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 33443	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: STM EXCL BNDRY DAMPER 9A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: @ CD-34063 GRID GW.7/7.0/626 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33443
ABSV

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 33444	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: STM EXCL BNDRY DAMPER 9B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: @ CB-34064 GRID GW.7/7.0/626 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33444
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 33445	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: STM EXCL BDRY DMPR 10 SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: @ CD-34065 GRID GW.5/4.9/642 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33445
ABSV

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 33447	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: STM EXCL BDRY DMPR 11A SV 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: @ CD-34066 GRID GW.0/5.8/657 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33447
ABSV

UNIT: KEWAUNEE

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 33448	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: STM EXCL BDRY DMPR 11E SV 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: @ CD-34067 GRID GW/6.0/657 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33448
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 33450	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: STM EXCL BNDRY DAMPER 4A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: @ CD-34068 GRID D.5/8.5/586 TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33450
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	N/A	2	N/A	N/A	NONE
PLANT ID NO: 33451	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: STM EXCL BNDRY DAMPER 4B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: @ CD-34069 GRID D.5/8.5/586 TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33451
ABSV

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	NOTE A	2	NOTE A	NOTE A	NONE
PLANT ID NO: 33452	TEMPERATURE DEG. F.	234	NOTE A	111	NOTE A	NOTE A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	43,44,111	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	100%	NOTE A	111	NOTE A	NOTE A	NONE
FUNCTION: STM EXCL BDRY DAMPER 4C SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: @CD-34070 GRID D.9/8.2/586 TURB BLDG	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

HELB YES (T,H)

NOTES:

A) THERE IS NO ENVIRONMENTALLY INDUCED MECHANISM THAT CAN CAUSE FAILURE TO DE-ENERGIZE OR SPURIOUS RE-ENERGIZATION OF THE SOLENOID VALVE'S COIL & SUBSEQUENT FAILURE TO CLOSE OR SPURIOUS REOPENING OF THE ASSOCIATED BOUNDARY DAMPER. THEREFORE, E.Q. OF THE ZONE SV ISOL AND STEAM EXCL BOUNDARY DAMPER SV IS NOT REQ'D TO COMPLY WITH NRC BULLETIN 79-01B.
B) SEE AGING PROGRAM DESCRIPTION.

33452
AHSV

UNIT: KEWAUNEE

SYSTEM COHERENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	NOTE A	2	NOTE A	NOTE A	NONE
PLANT ID NO: 33453	TEMPERATURE DEG. F.	234	NOTE A	111	NOTE A	NOTE A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	43,44,111	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	100%	NOTE A	111	NOTE A	NOTE A	NONE
FUNCTION: STM EXCL BDRY DAMPER 4D SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: @ CD-34071 GRID D.9/8.2/586 TURB BLDG	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

HELB YES (T,H)

NOTES:

A) THERE IS NO ENVIRONMENTALLY INDUCED MECHANISM THAT CAN CAUSE FAILURE TO DE-ENERGIZE OR SPURIOUS RE-ENERGIZATION OF THE SOLENOID VALVE'S COIL & SUBSEQUENT FAILURE TO CLOSE OR SPURIOUS REOPENING OF THE ASSOCIATED BOUNDARY DAMPER. THEREFORE, E.Q. OF THE ZONE SV ISOL AND STEAM EXCL BOUNDARY DAMPER SV IS NOT REQ'D TO COMPLY WITH NRC BULLETIN 79-01B.
B) SEE AGING PROGRAM DESCRIPTION.

33453
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: TURBINE BUILDING VENT	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 33454	TEMPERATURE DEG. F.	60-120	N/A	44	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24 SAV	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: SCRNHSE EXH FAN 1A DISCH DMPR TRAIN A SV (34074)	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: SCREENHOUSE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HABSH:

LOCA NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION

33454
TBV

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: TURBINE BUILDING VENT PLANT ID NO: 33455 COMPONENT: SOLENOID VALVE MANUFACTURER: JOHNSON MODEL NUMBER: V-24 SAV FUNCTION: SCRNHSE EXH FAN 1A DISCH DMPR TRAIN B SV (34074) SERVICE: DAMPER CONTROL LOCATION: SCREENHOUSE	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
	TEMPERATURE DEG. F.	60-120	N/A	44	N/A	N/A	NONE
	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION

33455
TBV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: TURBINE BUILDING VENT	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 33456	TEMPERATURE DEG. F.	60-120 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24 SAV	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: SCRNHSE EXH FAN 1B DISCH DMPR TRAIN A SV (FOR 34075)	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 119	N/A N/A	N/A N/A	NONE
LOCATION: SCREENHOUSE	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION

33456
TBV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: TURBINE BUILDING VENT	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 33457	TEMPERATURE DEG. F.	60-120 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24 SAV	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: SCRNHSE EXH FAN 1B DISCH DMPR TRAIN B SV (FOR 34075)	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 119	N/A N/A	N/A N/A	NONE
LOCATION: SCREENHOUSE	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION

33457
TBV

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT	INSIDE CONTAINMENT PRIMARY	SYSTEM
1	KERITE	KER-1	FR INSUL/HTK INSUL	CABLE	YES	MISCELLANEOUS
2	KERITE	KER-2	SEE NOTE A	CABLE SPLICE AND TERMINATION KITS	YES	MISCELLANEOUS

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MISCELLANEOUS	OPERATIONAL TIME	1 YEAR	1 YEAR	35	14	SIM/ANAL	NONE
PLANT ID NO: KER-1	TEMPERATURE DEG. F.	293	320	1	14	SIMULT	NONE
COMPONENT: CABLE	PRESSURE PSIA	60.7	96.7	2,3	14	SIMULT	NONE
MANUFACTURER: KERITE							
MODEL NUMBER: FR INSUL/HTK INSUL	RELATIVE HUMIDITY PCT	100%	100%	2	14	SIMULT	NONE
FUNCTION: VARIOUS	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 9.5	4,5,118	14	SIMULT	NONE
SERVICE: ELECTRICAL POWER	RADIATION RADS	5E7 GAMMA 2E6 BETA	1E8 GAMMA >2E6 BETA	2,6,7,8	14,101	TEST/ANALY	NONE
LOCATION: RX BLDG & AUX BLDG	AGING	40 YEARS	40 YEARS	2	14	SEPARATE	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: YES/NO	SUBMERGENCE	REQUIRED	YES,NOTE A	9	97	SEPARATE	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (T,P,H,CS,R,S)

NOTES:
A) 24 HOURS AT ELEVATED TEMPERATURES

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MISCELLANEOUS	OPERATIONAL TIME	1 YEAR	1 YEAR	35	14	SIM/EVAL	NONE
PLANT ID NO: KER-2	TEMPERATURE DEG. F.	293	320	1	14	SIMULT	NONE
COMPONENT: CABLE SPLICE AND TERMINATION KITS MANUFACTURER: KERITE	PRESSURE PSIA	60.7	96.7	2,3	14	SIMULT	NONE
MODEL NUMBER: SEE NOTE A	RELATIVE HUMIDITY PCT	100%	100%	2	15	SIMULT	NONE
FUNCTION: VARIOUS TERMINATIONS	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NACH	PH = 9.25	4,5,118	14	SIMULT	NONE
SERVICE: SPLICE PLUS TERMINATIONS	RADIATION RADS	5E7 GAMMA 2E6 BETA	1E8 GAMMA >2E6 BETA	2,6,7,8	14,101	TEST/ANALY	NONE
LOCATION: RX BLDG & AUX BLDG	AGING	40 YEARS	NOTE B	8	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,B)

NOTES:

A) KERITE KIT NO'S: S-1087, S-1088, S-1089, S-1090, S-1091, D-T-2006, D-T-2007, D-T-2001, D-T-2002, D-S-1001, D-S-1002.
B) RECEIVED OBAL ASSURANCE THAT THESE MEET 40 YEAR LIFE; WRITTEN DOCUMENTATION TO FOLLOW SHORTLY (REQUEST LETTER DATED FEB. 1, 1982).

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT PRIMARY	INSIDE CONTAINMENT	SYSTEM
1	LIMITORQUE	32009	SMB-000	MOTOR	NO	SERVICE WATER
2	LIMITORQUE	32009-A	SMB-00	AUX CONTACT	NO	ACTIVE STATUS PANEL SW
3	LIMITORQUE	32010	SME-000	MOTOR	NO	SERVICE WATER
4	LIMITORQUE	32010-A	SMB-00	AUX CONTACT	NO	ACTIVE STATUS PANEL SW
5	LIMITORQUE	32011	SME-000	MOTOR	NO	SERVICE WATER
6	LIMITORQUE	32012	SMB-000	MOTOR	NO	SERVICE WATER
7	LIMITORQUE	32015	SMB-2	MOTOR	NO	FEEDWATER SYS.
8	LIMITORQUE	32015-L	SME-2	AUX CONTACT	NO	ACTIVE STATUS PANEL
9	LIMITORQUE	32016	SME-2	MOTOR	NO	FEEDWATER SYS.
10	LIMITORQUE	32016-A	SMB-2	AUX CONTACT	NO	ACTIVE STATUS PANEL
11	LIMITORQUE	32027	SMB-000	MOTOR	NO	AUX. FEEDWATER
12	LIMITORQUE	32028	SME-000	MOTOR	NO	AUX. FEEDWATER
13	LIMITORQUE	32029	SME-000	MOTOR	NO	SERVICE WATER
14	LIMITORQUE	32030	SME-000	MOTOR	NO	SERVICE WATER
15	LIMITORQUE	32031	SMB-000	MOTOR	NO	SERVICE WATER
16	LIMITORQUE	32038	SMB-000	MOTOR	NO	MAIN STEAM
17	LIMITORQUE	32039	SME-000	MOTOR	NO	MAIN STEAM
18	LIMITORQUE	32040	SME-000	MOTOR	NO	AUX. FEEDWATER
19	LIMITORQUE	32056-A	SMB-00	AUX CONTACT	NO	EMERGENCY PROCEDURE CVC
20	LIMITORQUE	32058	SME-000	MOTOR	NO	SERVICE WATER

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT PRIMARY	INSIDE CONTAINMENT	SYSTEM
21	LIMITORQUE	32058-A	SMB-000	AUX CONTACT	NO	ACTIVE STATUS PANEL
22	LIMITORQUE	32059 #	SMB-000	MOTOR	NO	SERVICE WATER
23	LIMITORQUE	32059-A	SMB-000	AUX CONTACT	NO	ACTIVE STATUS PANEL
24	LIMITORQUE	32060 #	SMB-000	MOTOR	NO	SERVICE WATER
25	LIMITORQUE	32061 #	SMB-000	MOTOR	NO	SERVICE WATER
26	LIMITORQUE	32061-L	SMB-000	AUX CONTACT	NO	ACTIVE STATUS PANEL
27	LIMITORQUE	32066	SMB-00	MOTOR	NO	INTERNAL CONTAINMENT SPRAY
28	LIMITORQUE	32066-A	SMB-00	AUX CONTACT	NO	ACTIVE STATUS PANEL
29	LIMITORQUE	32067	SMB-00	MOTOR	NO	INTERNAL CONTAINMENT SPRAY
30	LIMITORQUE	32067-A	SMB-00	AUX CONTACT	NO	ACTIVE STATUS PANEL
31	LIMITORQUE	32068	SMB-00	MOTOR	NO	INTERNAL CONTAINMENT SPRAY
32	LIMITORQUE	32068-A	SMB-00	AUX CONTACT	NO	ACTIVE STATUS PANEL ICS
33	LIMITORQUE	32069	SMB-00	MOTOR	NO	INTERNAL CONTAINMENT SPRAY
34	LIMITORQUE	32069-A	SMB-00	AUX CONTACT	NO	ACTIVE STATUS PANEL ICS
35	LIMITORQUE	32077	SMB-000	MOTOR	YES	MAIN STEAM
36	LIMITORQUE	32077-A	SMB-000	AUX CONTACT	YES	ACTIVE STATUS PANEL MS
37	LIMITORQUE	32078	SMB-000	MOTOR	NO	MAIN STEAM
38	LIMITORQUE	32078-A	SMB-000-3624M	AUX CONTACT	NO	ACTIVE STATUS PANEL MS

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT PRIMARY	INSIDE CONTAINMENT	SYSTEM
39	LIMITORQUE	32079	SMB-000	MOTOR	YES	MAIN STEAM
40	LIMITORQUE	32079-A	SMB-000	AUX CONTACT	YES	ACTIVE STATUS PANEL MS
41	LIMITORQUE	32080	SMB-000	MOTOR	NO	MAIN STEAM
42	LIMITORQUE	32080-A	SMB-000-3624M	AUX CONTACT	NO	ACTIVE STATUS PANEL MS
43	LIMITORQUE	32082	SMB-000	MOTOR	NO	COMPONENT COOLING
44	LIMITORQUE	32082-A	SMB-000	AUX CONTACT	NO	ACTIVE STATUS PANEL
45	LIMITORQUE	32083	SMB-00	MOTOR	NO	COMPONENT COOLING
46	LIMITORQUE	32084	SMB-000	MOTOR	NO	COMPONENT COOLING
47	LIMITORQUE	32085	SMB-000	MOTOR	NO	COMPONENT COOLING
48	LIMITORQUE	32086	SMB-000	MOTOR	NO	COMPONENT COOLING
49	LIMITORQUE	32087	SMB-000	MOTOR	NO	COMPONENT COOLING
50	LIMITORQUE	32088	SMB-00	MOTOR	NO	COMPONENT COOLING
51	LIMITORQUE	32091	SMB-3	MOTOR RH	YES	SAFETY INJECTION
52	LIMITORQUE	32092	SMB-00	MOTOR RH	YES	SAFETY INJECTION
53	LIMITORQUE	32092-A	SMB-00	AUX CONTACT	YES	EMERGENCY PROCEDURE SI
54	LIMITORQUE	32093	SMB-00	MOTOR RH	YES	SAFETY INJECTION
55	LIMITORQUE	32094	SMB-00	MOTOR	NO	SAFETY INJECTION
56	LIMITORQUE	32094-A	SMB-00	AUX CONTACT	NO	EMERGENCY PROCEDURE SI

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT PRIMARY	INSIDE CONTAINMENT	SYSTEM
57	LIMITORQUE	32095	SMB-00	MOTOR	NO	SAFETY INJECTION
58	LIMITORQUE	32096	SMB-3	MOTOR RH	YES	SAFETY INJECTION
59	LIMITORQUE	32097	SMB-00	MOTOR RH	YES	SAFETY INJECTION
60	LIMITORQUE	32097-A	SMB-00	AUX CONTACT	YES	EMERGENCY PROCEDURE SI
61	LIMITORQUE	32098	SMB-00	MOTOR RH	YES	SAFETY INJECTION
62	LIMITORQUE	32100	SMB-1	MOTOR RH	YES	SAFETY INJECTION
63	LIMITORQUE	32100-A	SMB-1	AUX CONTACT	YES	ACTIVE STATUS PANEL SI
64	LIMITORQUE	32101	SMB-1	MOTOR RH	YES	SAFETY INJECTION
65	LIMITORQUE	32101-A	SMB-1	AUX CONTACT	YES	ACTIVE STATUS PANEL SI
66	LIMITORQUE	32102 #	SMB 1-40	MOTOR	NO	SAFETY INJECTION
67	LIMITORQUE	32102-A	SMB-1-40	AUX CONTACT	NO	ACTIVE STATUS PANEL SI
68	LIMITORQUE	32103 #	SMB 1-40	MOTOR	NO	SAFETY INJECTION
69	LIMITORQUE	32103-A	SMB-1-40	AUX CONTACT	NO	ACTIVE STATUS PANEL SI
70	LIMITORQUE	32104	SMB-00	MOTOR	NO	SAFETY INJECTION
71	LIMITORQUE	32104-A	SMB-00	AUX CONTACT	NO	EMERGENCY PROCEDURE SI
72	LIMITORQUE	32105	SMB-00	MOTOR	NO	SAFETY INJECTION

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT PRIMARY	INSIDE CONTAINMENT	SYSTEM
73	LIMITORQUE	32105-A	SMB-00	AUX CONTACT	NO	EMERGENCY PROCEDURE SI
74	LIMITORQUE	32106	SMB-00	MOTOR	NO	SAFETY INJECTION
75	LIMITORQUE	32107	SMB-00	MOTOR	NO	SAFETY INJECTION
76	LIMITORQUE	32107-A	SMB-00	AUX CONTACT	NO	EMERGENCY PROCEDURE SI
77	LIMITORQUE	32108 #	SMB-00	MOTOR	NO	SAFETY INJECTION
78	LIMITORQUE	32109 #	SMB-0	MOTOR	NO	SAFETY INJECTION
79	LIMITORQUE	32109-A	SMB-0	AUX CONTACT	NO	ACTIVE STATUS PANEL SI
80	LIMITORQUE	32110 #	SMB-0	MOTOR	NO	SAFETY INJECTION
81	LIMITORQUE	32110-A	SMB-0	AUX CONTACT	NO	ACTIVE STATUS PANEL SI
82	LIMITORQUE	32111	SMB-0	MOTOR	NO	SAFETY INJECTION
83	LIMITORQUE	32111-A	SMB-00	AUX CONTACT	NO	EMERGENCY PROCEDURE SI
84	LIMITORQUE	32112	SMB-0	MOTOR	NO	SAFETY INJECTION
85	LIMITORQUE	32112-A	SMB-00	AUX CONTACT	NO	EMERGENCY PROCEDURE SI
86	LIMITORQUE	32113 #	SMB 1-40	MOTOR	NO	SAFETY INJECTION
87	LIMITORQUE	32113-A	SMB-1-40	AUX CONTACT	NO	ACTIVE STATUS PANEL
88	LIMITORQUE	32114 #	SMB 1-40	MOTOR	NO	SAFETY INJECTION
89	LIMITORQUE	32114-A	SMB-1-40	AUX CONTACT	NO	ACTIVE STATUS PANEL
90	LIMITORQUE	32115 #	SMB-0	MOTOR	NO	CHEMICAL & VOL. CONTROL

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT	INSIDE PRIMARY CONTAINMENT	SYSTEM
91	LIMITORQUE	32115-A	SME-0	AUX CONTACT	NO	ACTIVE STATUS PANEL
92	LIMITORQUE	32119	SME-000	MOTOR	NO	COMPONENT COOLING
93	LIMITORQUE	32119-A	SME-00	AUX CONTACT	NO	EMERGENCY PROCEDURE CC
94	LIMITORQUE	32120	SME-000	MOTOR	NO	COMPONENT COOLING
95	LIMITORQUE	32120-A	SMB-00	AUX CONTACT	NO	EMERGENCY PROCEDURE CC
96	LIMITORQUE	32121	SME-500	MOTOR	NO	COMPONENT COOLING
97	LIMITORQUE	32121-A	SMB-00	AUX CONTACT	NO	ACTIVE STATUS PANEL
98	LIMITORQUE	32122	SMB-500	MOTOR	NO	COMPONENT COOLING
99	LIMITORQUE	32122-A	SME-500	AUX CONTACT	NO	ACTIVE STATUS PANEL
100	LIMITORQUE	32124 #	SME-00	MOTOR BH	YES	CHEMICAL & VOL. CONTROL
101	LIMITORQUE	32124-A	SMB-00	AUX CONTACT	YES	ACTIVE STATUS PANEL
102	LIMITORQUE	32125	SMB-00	MOTOR	NO	INTERNAL CONTAINMENT SPRAY
103	LIMITORQUE	32126	SMB-00	MOTOR	NO	INTERNAL CONTAINMENT SPRAY
104	LIMITORQUE	32130	SMB-00	MOTOR	NO	SAFETY INJECTION
105	LIMITORQUE	32130-A	SME-00	AUX CONTACT	NO	EMERGENCY PROCEDURE SI
106	LIMITORQUE	32131	SMB-00	MOTOR	NO	SAFETY INJECTION
107	LIMITORQUE	32131-A	SME-00	AUX CONTACT	NO	EMERGENCY PROCEDURE
108	LIMITORQUE	32134 #	SME-000	MOTOR	NO	RESIDUAL HEAT REMOVAL

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT	PRIMARY INSIDE CONTAINMENT	SYSTEM
109	LIMITORQUE	32134-A	SMB-00	AUX CONTACT	NO	ACTIVE STATUS PANEL RHR
110	LIMITORQUE	32135 #	SME-000	MOTOR	NO	RESIDUAL HEAT REMOVAL
111	LIMITORQUE	32135-A	SME-00	AUX CONTACT	NO	ACTIVE STATUS PANEL RHR
112	LIMITORQUE	32145	SME-000	MOTOR	YES	POST LOCA H2
113	LIMITORQUE	32146	SMB-000	MOTOR	YES	POST LOCA H2
114	LIMITORQUE	32147	SMB-000	MOTOR	NO	POST LOCA H2
115	LIMITORQUE	32148	SME-000	MOTOR	NO	POST LOCA H2

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SERVICE WATER	OPERATIONAL TIME	1 YEAR	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32009	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-000	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SERV WATER TO CC HEAT EXCHANGER 1A MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID J.5/9S.9/601 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:

32009
SW

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL SW	OPERATIONAL TIME	1 YEAR	1 YEAR	41	102	TYPE TEST	NONE
PLANT ID NO: 32009-A	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: AUX CONTACT	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-00	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CMPT CLG HX 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID J.5/9S.9/601 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: YES	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:

449101105
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SERVICE WATER	OPERATIONAL TIME	1 YEAR	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32010	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	TYPE TEST	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	TYPE TEST	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-000	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	TYPE TEST	NONE
FUNCTION: SERV WATER TO CC HEAT EXCHANGER 1B MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID J.5/9S.4/601 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:

32010
SW

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: ACTIVE STATUS PANEL SW	OPERATIONAL TIME	1 YEAR	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32010-A	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	TYPE TEST	NONE
COMPONENT: AUX CONTACT	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	TYPE TEST	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-00	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	TYPE TEST	NONE
FUNCTION: SW TO CMPT CLG HX 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID J.5/9S.4/601 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:

449101106
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL.	OUTSTANDING
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.	METHOD	ITEMS
SYSTEM: SERVICE WATER	OPERATIONAL TIME	1 YEAR	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32011	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-000	RELATIVE HUMIDITY PCT	10-80%	N/A	43	N/A	N/A	NONE
FUNCTION: SW AUX & RX BLDG HDR 1A MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PROVIDE EMERGENCY SERVICE WATER	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID AE.6/7.1/588 ADM BLDG	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:

32011
SW

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SERVICE WATER	OPERATIONAL TIME	1 YEAR	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32012	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-000	RELATIVE HUMIDITY PCT	10-80%	N/A	43	N/A	N/A	NONE
FUNCTION: SW AUX & RX BLDG HDR 1B MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PROVIDE EMERGENCY SERVICE WATER	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID AE.3/6.9/596 ADM BLDG	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:

32012
SW

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: FEEDWATER SYS.	OPERATIONAL TIME	.5 HOURS	.5 HOURS	35	102	TYPE TEST	NONE
PLANT ID NO: 32015	TEMPERATURE DEG. F.	130 234 (HELB)	250 250	37,39 111	102 102	TYPE TEST TYPE TEST	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	37,39 37,39,111	N/A N/A	N/A N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-2	RELATIVE HUMIDITY PCT	10-80% 100% (HELB)	N/A 100%	37,39,43 111	N/A 102	N/A SIMULT	NONE
FUNCTION: FEEDWATER TO STEAM GENERATOR 1A ISOL	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	1.2E5 <1E5 (HELB)	2E7 N/A	41 111,119	102 N/A	TYPE TEST N/A	NONE
LOCATION: GRID M/5.1/609 AUX BLDG	AGING	40 YEARS 40 YEARS (HELB)	40 YEARS 40 YEARS	8 8	102 102	TYPE TEST TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A, 607'1" (HELB) ABOVE FLOOD LEVEL: N/A, YES (HELB)	SUBMERGENCE	N/A N/A (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:

LOCA YES (T)
HELB YES (T,H)

NOTES:

32015
FW

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	.5 HOURS	.5 HOURS	35	102	TYPE TEST	NONE
PLANT ID NO: 32015-L	TEMPERATURE DEG. F.	130	250	37,39	102	TYPE TEST	NONE
COMPONENT: AUX CONTACT	PRESSURE PSIA	13.7-15.7	N/A	37,39	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-2	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,43	N/A	N/A	NONE
FUNCTION: FEEDWATER TO STEAM GENERATOR 1B ISOL.	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	1.2E5	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID M/5.1/609 AUX BLDG	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (T,R)

NOTES:

449100603
ASP

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: FEEDWATER SYS.	OPERATIONAL TIME	.5 HOURS	.5 HOURS	35	102	TYPE TEST	NONE
PLANT ID NO: 32016	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	37,38 37,38	N/A N/A	N/A N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	37,38 37,38	N/A N/A	N/A N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-2	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	37,38,43 37,38,43	N/A N/A	N/A N/A	NONE
FUNCTION: FEEDWATER TO STEAM GENERATOR 1E ISOL	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	1.2E5 <1E5 (HELB)	2E7 N/A	41 111,119	102 N/A	TYPE TEST N/A	NONE
LOCATION: GRID HE.6/4.5/618 AUX BLDG SV ZONE	AGING	40 YEARS 40 YRS (HELB)	40 YEARS 40 YEARS	8 8	102 52	TYPE TEST TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A, 616'6" (HELB) ABOVE FLOOD LEVEL: N/A, YES (HELB)	SUBMERGENCE	N/A N/A (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:

LOCA NO
HELB YES (T,H)

NOTES:

32016
FW

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	.5 HOURS	.5 HOURS	35	102	TYPE TEST	NONE
PLANT ID NO: 32016-A	TEMPERATURE DEG. F.	130	250	37,38	102	N/A	NONE
COMPONENT: AUX CONTACT	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-2	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: FEEDWATER TO STEAM GENERATOR 1B ISOL.	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	1.2E5	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID HE.6/4.5/618 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:

449100604
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. FEEDWATER	OPERATIONAL TIME	30 DAYS	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32027	TEMPERATURE DEG. F.	60-104 234 (HELB)	N/A 295	44 111	N/A 64	N/A SIMULT	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 43,44,111	N/A N/A	N/A N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-000	RELATIVE HUMIDITY PCT	10-80% 100% (HELB)	N/A 100%	43, 44 111	N/A 102	N/A SIMULT	NONE
FUNCTION: AFW PMP 1A DSCH X-OVER MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PROVIDE EMERGENCY FEEDWATER	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 111,119	N/A N/A	N/A N/A	NONE
LOCATION: GRID E.9/8.9/594 TURB BLDG	AGING	NOTE A 40 YEARS (HELB)	NOTE A 40 YEARS	NOTE A 8	NOTE A 102	NOTE A TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A N/A (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO
HELB YES (T,H)

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

32027
AFW

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. FEEDWATER	OPERATIONAL TIME	30 DAYS	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32028	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	250 N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-000	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: AFW PMP 1B DSCH X-OVER MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PROVIDE EMERGENCY FEEDWATER	RADIATION RADS	<1E5 <1E5 (HELB)	2E7 N/A	119 111,119	102 N/A	N/A N/A	NONE
LOCATION: GRID E.9/8.4/594 TURB BLDG	AGING	40 YEARS 40 YEARS (HELB)	40 YEARS 40 YEARS	8 8	102 102	TYPE TEST TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A N/A (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO
HELB NO

NOTES:

32028
AFW

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: SERVICE WATER	OPERATIONAL TIME	1 YEAR	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32029	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-000	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: SRVC WTR TO AFW PMP 1A MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PROVIDE EMERGENCY SERVICE WATER	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID E.5/8.6/590 TURB BLDG	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:

32029
SW

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SERVICE WATER	OPERATIONAL TIME	1 YEAR	1 YEAR	35	52	TYPE TEST	NONE
PLANT ID NO: 32030	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-000	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: SRVC WTR TO AFW PMP 1B MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PROVIDE EMERGENCY SERVICE WATER	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID F.3/8.6/590 TURB BLDG	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:

32030
SW

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL.	OUTSTANDING
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.	METHOD	ITEMS
SYSTEM: SERVICE WATER	OPERATIONAL TIME	1 YEAR	1 YEAR	35	52	TYPE TEST	NONE
PLANT ID NO: 32031	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-000	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: SRVC WTR TO AFW PMP 1C MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PROVIDE EMERGENCY SERVICE WATER	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID D.9/8.7/590 TURB BLDG	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:

32031
SW

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MAIN STEAM	OPERATIONAL TIME	30 DAYS	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32038	TEMPERATURE DEG. F.	145	250	37,39	102	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,39	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-000	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,43	N/A	N/A	NONE
FUNCTION: S/G SUP TO TURB DR AUX FW PMP ISOL MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	1.2E5	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID M.1/5S.5/624 AUX BLDG	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (T,B)

NOTES:

32038
MS

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MAIN STEAM	OPERATIONAL TIME	30 DAYS	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32039	TEMPERATURE DEG. F.	115	250	37,39	102	TYPE TEST	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,39	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-000	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,43	N/A	N/A	NONE
FUNCTION: S/G SUP TO TURB DR AUX FW PMP ISOL MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	1.2E5	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID H.4/4.1/622 AUX BLDG	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (T,R)

NOTES:

32039
MS

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. FEEDWATER	OPERATIONAL TIME	30 DAYS	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32040	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 43,44,111	N/A N/A	N/A N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-000	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: MS TO TDA FWP START-UP	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PROVIDE EMERGENCY FEEDWATER	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 111,119	N/A N/A	N/A N/A	NONE
LOCATION: GRID D.8/8.9/587 TURB BLDG	AGING	40 YEARS 40 YEARS	40 YEARS 40 YEARS	8 8	102 102	TYPE TEST TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A N/A (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO
HELE NO

NOTES:

32040
AFW

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: EMERGENCY PROCEDURE CVC	OPERATIONAL TIME	30 DAYS	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32056-A	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: AUX CONTACT	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-00	RELATIVE HUMIDITY PCT	10-80%	100%	37,38	102	TYPE TEST	NONE
FUNCTION: RW EM MK-UP TO CH PMPS MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	5.6E6	2E7	41	102	SEPARATE	NONE
LOCATION: GRID H.7/6.6/590 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	SEPARATE	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

32056-A
EP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SERVICE WATER	OPERATIONAL TIME	1 YEAR	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32058	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-000	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: FN COIL 1C SRVC WTR RET MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	1.5E5	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID H.1/4.1/602 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (B)

NOTES:

32058
SW

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	2 MONTHS	2 MONTHS	35	102	TYPE TEST	NONE
PLANT ID NO: 32058-A	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: AUX CONTACT	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-000	RELATIVE HUMIDITY PCT	10-80%	N/A	37,37,43	N/A	N/A	NONE
FUNCTION: FN COIL 1C SRVC WTR RET MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	1.5E5	2E8	41	102	TYPE TEST	NONE
LOCATION: GRID H.1/4.1/602 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

449100203
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SERVICE WATER	OPERATIONAL TIME	1 YEAR	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32059 #	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-000	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: FN COIL 1D SRVC WTR RET MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	1.5E5	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID H.1/4.1/602 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
LOCA YES (B)

NOTES:

32059
SW

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	1 YEAR	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32059-A	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: AUX CONTACT	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-000	RELATIVE HUMIDITY PCT	10-80%	N/A	37,37,43	N/A	N/A	NONE
FUNCTION: FN COIL 1D SRVC WTR RET MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	1.5E5	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID H.1/4.1/602 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

449100204
ASP

SYSTEM COHERENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SERVICE WATER	OPERATIONAL TIME	1 YEAR	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32060 #	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-000	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: FN COIL 1A SRVC WTR RET MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	2.9E7	2.04E8	41	102	TYPE TEST	NONE
LOCATION: GRID J.4/6.0/607 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

32060
SW

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SERVICE WATER	OPERATIONAL TIME	1 YEAR	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32061 #	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-000	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: FN COIL 1B SERVC WTR RET MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	2.9E7	2.04E8	41	102	TYPE TEST	NONE
LOCATION: GRID J.8/6.0/607 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:

32061
SW

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	2 MONTHS	2 MONTHS	35	102	TYPE TEST	NONE
PLANT ID NO: 32061-L	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: AUX CONTACT	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-000	RELATIVE HUMIDITY PCT	10-80%	N/A	37,37,43	N/A	N/A	NONE
FUNCTION: FN COIL 1B SRVC WTR RET MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL RCOM ANNUNCIATION	RADIATION RADS	2.9E7	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID J.8/6.0/607 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

449100202
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: INTERNAL CONTAINMENT SPRAY	OPERATIONAL TIME	30 DAYS	30 DAYS	35	102	TYPE TEST	NONE
PLANT ID NO: 32066	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-00	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CNTMT SPRAY PMP 1A DSCH MV 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	5.6E6	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID GW.1/5.7/590 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

32066
ICS

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	30 DAYS	30 DAYS	41	102	TYPE TEST	NONE
PLANT ID NO: 32066-A	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: AUX CONTACT	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-00	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CNTMT SPRAY PMP 1A DSCH MV 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	5.6E6	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID GW.1/5.7/590 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:

449101202
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: INTERNAL CONTAINMENT SPRAY	OPERATIONAL TIME	30 DAYS	30 DAYS	35	102	TYPE TEST	NONE
PLANT ID NO: 32067	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-00	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CNTMT SPRAY PMP 1A DSCH MV 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	5.6E6	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID G.9/5.7/590 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

32067
ICS

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	30 DAYS	30 DAYS	41	102	TYPE TEST	NONE
PLANT ID NO: 32067-A	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: AUX CONTACT	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-00	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CNTMT SPRAY PMP 1A DSCH MV 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	5.6E6	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID G.9/5.7/590 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

449101203
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: INTERNAL CONTAINMENT SPRAY	OPERATIONAL TIME	24 HOURS	30 DAYS	35	102	TYPE TEST	NONE
PLANT ID NO: 32068	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-00	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CNTMT SPRAY PMP 1B DSCH MV 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	5.6E6	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID GW.1/5.3/590 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:

32068
ICS

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL ICS	OPERATIONAL TIME	24 HOURS	30 DAYS	35	102	TYPE TEST	NONE
PLANT ID NO: 32068-A	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: AUX CONTACT	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-00	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CNTMT SPRAY PMP 1B DSCH MV 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	5.6E6	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID GW.1/5.3/590 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

449101205
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: INTERNAL CONTAINMENT SPRAY	OPERATIONAL TIME	24 HOURS	30 DAYS	35	102	TYPE TEST	NONE
PLANT ID NO: 32069	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-00	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CNTMT SPRAY PMP 1B DSCH MV 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	5.6E6	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID GW.9/5.3/590 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

32069
ICS

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL.	OUTSTANDING
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.	METHOD	ITEMS
SYSTEM: ACTIVE STATUS PANEL ICS	OPERATIONAL TIME	24 HOURS	30 DAYS	35	102	TYPE TEST	NONE
PLANT ID NO: 32069-A	TEMPERATURE DEG. F.	60-104	250	37,38	102	TEST/ANALY	NONE
COMPONENT: AUX CONTACT	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-00	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CNTMT SPRAY PMP 1B DSCH MV 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	5.6E6	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID GW.9/5.3/590 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

449101206
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MAIN STEAM	OPERATIONAL TIME	24 HOURS	1 YEAR	35	52	TYPE TEST	NONE
PLANT ID NO: 32077	TEMPERATURE DEG. F.	293 120 (HELB)	295 N/A	1 114	64 N/A	SIMULT N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	60.7 13.7-15.7 HELB	74.7 N/A	2,3 114	64 N/A	N/A N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-000	RELATIVE HUMIDITY PCT	100% 10-80% (HELB)	100% N/A	2 113	64 N/A	N/A N/A	NONE
FUNCTION: SG 1A BD ISCL MV (BT-2A)	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH N/A (HELB)	PH = 10.5 3,000 PPM BA .59% WT NAOH N/A	4,5 N/A	64 N/A	N/A N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	5E7 GAMMA 2E6 BETA 5E7 GAMMA HELB	2E8 GAMMA >2E6 BETA 2E8 GAMMA	2,6,7,8 2,6,7,8,115	64,101 64,101	TEST/ANALY TEST/ANALY	NONE
LOCATION: GRID 17/294/594 RX BLDG	AGING	40 YEARS 40 YEARS (HELB)	NOTE B NOTE B (HELB)	8 8	52 52	TYPE TEST SEPARATE	NONE
FLOOD LEVEL ELEV: 600, N/A (HELB) ABOVE FLOOD LEVEL: NO, N/A (HELB)	SUBMERGENCE	REQUIRED N/A (HELB)	NOTE A N/A	9 N/A	NOTE A N/A	NOTE A TYPE TEST	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,R,S)
HELB YES (R)

NOTES:

A) THE VALVE RESPONSE IS RAPID ENOUGH TO INSURE ITS FUNCTION IS PERFORMED BEFORE SUBMERGENCE HAS RENDERED IT INOPERABLE.
B) MOTOR INSULATION TO BE INSPECTED DURING SPRING 82 OUTAGE.
C) THE MOTOR OPERATED VALVE IN SERIES WITH THIS VALVE IS ENVIRONMENTALLY QUALIFIED.

32077
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL MS	OPERATIONAL TIME	24 HOURS	1 YEAR	35	52	TYPE TEST	NONE
PLANT ID NO: 32077-A	TEMPERATURE DEG. F.	293	295	1	64	SIMULT	NONE
COMPONENT: AUX CONTACT	PRESSURE PSIA	60.7	74.7	2,3	64	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-000 357934A	RELATIVE HUMIDITY PCT	100%	100%	2	64	N/A	NONE
FUNCTION: SG 1A BD ISOL MV (BT-2A)	CHEMICAL SPRAY	PH = 8.8 2324 PPM HA 0.03 WT % NAOH	PH = 10.5	4,5,118	64	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	5E7 GAMMA 2E6 BETA	2E8 GAMMA >2E6 BETA	2,6,7,8	64,101	TEST/ANALY	NONE
LOCATION: GRID 17/294/594 RX BLDG	AGING	40 YEARS	40 YEARS NOTE A	8	52	TYPE TEST	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: NO	SUBMERGENCE	REQUIRED	NOTE B	9	NOTE B	NOTE B	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,R,S)

NOTES:

A) THE AUX. CONTACT SWITCH TO BE INSPECTED FOR CORRECT COMPONENTS DURING SPRING 82 OUTAGE.

449110201
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MAIN STEAM	OPERATIONAL TIME	30 DAYS	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32078	TEMPERATURE DEG. F.	120 234 (HELB)	N/A 250	37,39 111	N/A 102	N/A SIMULT	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	37,39 37,39,111	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-000	RELATIVE HUMIDITY PCT	10-80% 100% (HELB)	N/A 100%	37,39,43, 111	N/A 102	N/A TYPE TEST	NONE
FUNCTION: SG 1A BD ISCL MV (BT-3A)	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 111,119	N/A N/A	N/A N/A	NONE
LOCATION: GRID JJW.5/2.4/618 AUX BLDG	AGING	40 YEARS 40 YEARS	40 YEARS 40 YEARS	8 8	102 102	TYPE TEST TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A, 609 (HELB) ABOVE FLOOD LEVEL: N/A, YES (HELB)	SUBMERGENCE	N/A N/A (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO
HELB YES (T,H)

NOTES:

32078
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL MS	OPERATIONAL TIME	30 DAYS	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32078-A	TEMPERATURE DEG. F.	120	250	37,39	102	SIMULT	NONE
COMPONENT: AUX CONTACT	PRESSURE PSIA	13.7-15.7	N/A	37,39	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-000-3624M	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,43	N/A	N/A	NONE
FUNCTION: SG 1A BD ISOL MV (BT-3A)	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID JJW.5/2.4/618 AUX BLDG	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: YES	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (T)

NOTES:

449110202
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MAIN STEAM	OPERATIONAL TIME	24 HOURS	NOTE A, C	35	52	TYPE TEST	NONE
PLANT ID NO: 32079	TEMPERATURE DEG. F.	293 120 (HELB)	NOTE A, C N/A	1 114	64 N/A	SIMULT N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	60.7 13.7-15.7 HELB	NOTE A, C N/A	2,3 114	64 N/A	N/A N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-000 140658	RELATIVE HUMIDITY PCT	100% 10-80% (HELB)	NOTE A, C N/A	2 113	64 N/A	N/A N/A	NONE
FUNCTION: SG 1A BD ISOL MV (BT-2B)	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH N/A (HELB)	NOTE A, C 3,000 PPM BA .59% WT NAOH N/A	4,5,118 N/A	64 N/A	N/A N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	5E7 GAMMA 2E6 BETA 5E7 GAMMA HELB	2E8GAMMA >2E6 BETA 2E8 GAMMA	2,6,7,8 2,6,7,8,115	64,101 NOTE A, C 64,101	TEST/ANALY NOTE A, C TEST/ANALY	NONE
LOCATION: GRID 30/105/594 RX BLDG	AGING	40 YEARS 40 YEARS (HELB)	NOTE B NOTE B (HELB)	8 8	52 52	TYPE TEST TYPE TEST	NONE
FLOOD LEVEL ELEV: 600, N/A (HELB) ABOVE FLOOD LEVEL: NO, N/A (HELB)	SUBMERGENCE	REQUIRED N/A (HELB)	NOTE A, C N/A	9 N/A	NOTE A, C N/A	NOTE A, C N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,R,S,)
HELB YES (R)

NOTES:

A) THE VALVE RESPONSE IS RAPID ENOUGH TO INSURE ITS FUNCTION IS PERFORMED BEFORE SUBMERGENCE HAS RENDERED IT INOPERABLE.
B) MOTOR INSULATION TO BE INSPECTED DURING SPRING 82 OUTAGE.
C) THE MOTOR OPERATED VALVE IN SERIES WITH THIS VALVE IS ENVIRONMENTALLY QUALIFIED.

32079
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL MS	OPERATIONAL TIME	24 HOURS	NOTE A	35	52	TYPE TEST	NONE
PLANT ID NO: 32079-A	TEMPERATURE DEG. F.	293	NOTE A	1	64	SIMULT	NONE
COMPONENT: AUX CONTACT	PRESSURE PSIA	60.7	NOTE A	2,3	64	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-000 140658	RELATIVE HUMIDITY PCT	100%	NOTE A	2	64	N/A	NONE
FUNCTION: SG 1A BD ISOL MV (BT-2B)	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	NOTE A	4,5,118	64	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	5E7 GAMMA 2E6 BETA	2E8 GAMMA >2E6 BETA	2,6,7,8	64,101	TEST/ANALY	NONE
LOCATION: GRID 30/105/594 RX BLDG	AGING	40 YEARS	40 YEARS NOTE A	8	52	TYPE TEST	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: NO	SUBMERGENCE	REQUIRED	NOTE B	9	NOTE B	NOTE B	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,R,S)

NOTES:

A) THE AUX. CONTACT SWITCH TO BE INSPECTED FOR CORRECT COMPONENTS DURING SPRING 82 OUTAGE.
B) THE VALVE RESPONSE IS RAPID ENOUGH TO INSURE ITS FUNCTION IS PERFORMED BEFORE SUBMERGENCE HAS RENDERED IT INOPERABLE.

449110203
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MAIN STEAM	OPERATIONAL TIME	30 DAYS	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32080	TEMPERATURE DEG. F.	120 234 (HELB)	250 250	37,39 111	102 102	SIMULT SIMULT	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	37,39 37,39,111	N/A N/A	N/A N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-000	RELATIVE HUMIDITY PCT	10-80% 100% (HELB)	N/A 100%	37,39,43 111	N/A 102	N/A TYPE TEST	NONE
FUNCTION: SG 1B BD ISOL MV (BT-3B)	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE
LOCATION: GRID JJW.4/2.3/618 AUX BLDG	AGING	40 YEARS 40 YEARS	40 YEARS 40 YEARS	8 8	102 102	TYPE TEST TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A, 609 (HELB) ABOVE FLOOD LEVEL: N/A, YES (HELB)	SUBMERGENCE	N/A N/A (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO
HELB YES (T,H)

NOTES:

32080
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL MS	OPERATIONAL TIME	30 DAYS	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32080-A	TEMPERATURE DEG. F.	120	250	37,39	102	SIMULT	NONE
COMPONENT: AUX CONTACT	PRESSURE PSIA	13.7-15.7	N/A	37,39	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-000-3624M	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,43	N/A	N/A	NONE
FUNCTION: SG 1B BD ISOL MV (BT-3B)	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	N/A	N/A	N/A	N/A	NONE
LOCATION: GRID JJH.4/2.3/618 AUX BLDG	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (T)

NOTES:

4491102O4
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: COMPONENT COOLING	OPERATIONAL TIME	30 DAYS	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32082	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-000	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: EXCS LTDN HT EXCHG CCWR CLG WTR RTRN MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	3E7	2.04E8	41	102	TYPE TEST	NONE
LOCATION: GRID J.6/5.9/617 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

32082
CC

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	30 DAYS	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32082-A	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: AUX CONTACT	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-000	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: EXCS LTDN HT EXCHG COMP CLG WTR RTRN MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	3E7	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID J.6/5.9/617 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

449110103
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: COMPONENT COOLING	OPERATIONAL TIME	30 DAYS	30 DAYS	35	102	TYPE TEST	NONE
PLANT ID NO: 32083	TEMPERATURE DEG. F.	110	250	37,39	102	TEST/ANALY	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,39	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-00	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,43	N/A	N/A	NONE
FUNCTION: COMP CLG SRG TNK EMERG MK-UPMV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID K.3/9.0/627 AUX BLDG	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (T)

NOTES:

32083
CC

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: COMPONENT COOLING	OPERATIONAL TIME	30 DAYS	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32084	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-000	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RC PMP 1A CLG WTR SPLY MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	3E7	2.04E8	41	102	TYPE TEST	NONE
LOCATION: GRID J.8/6.C/613 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (B)

NOTES:

32084
CC

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

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EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: COMPONENT COOLING	OPERATIONAL TIME	30 DAYS	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32085	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-000	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RC PMP 1B CLG WTR SPLY MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	3E7	2.04E8	41	102	TYPE TEST	NONE
LOCATION: GRID J.4/5.9/613 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (B)

NOTES:

32085
CC

UNIT: KEWAUNEE

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: COMPONENT COOLING	OPERATIONAL TIME	30 DAYS	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32086	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-000	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RC PMP 1A CLG WTR RTRN MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	3E7	2.04E8	41	102	TYPE TEST	NONE
LOCATION: GRID J.7/6.0/613 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

32086
CC

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: COMPONENT COOLING	OPERATIONAL TIME	30 DAYS	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32087	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-000	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RC PMP 1B CIG WTR RTRN MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	3E7	2.04E8	41	102	TYPE TEST	NONE
LOCATION: GRID J.5/5.9/613 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (B)

NOTES:

32087
CC

SYSTEM COMPONENT EVALUATION WORKSHEET

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UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: COMPONENT COOLING	OPERATIONAL TIME	30 DAYS	30 DAYS	35	102	TYPE TEST	NONE
PLANT ID NO: 32088	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	TYPE TEST	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-00	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RC PMPS CLG WTR SPLY HDR MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	3E7	2.04E8	41	102	TYPE TEST	NONE
LOCATION: GRID J.1/615/625 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

32088
CC

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

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REVISED 04/01/82

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EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SAFETY INJECTION	OPERATIONAL TIME	30 DAYS	30 DAYS	35	64	SIMULT	NONE
PLANT ID NO: 32091	TEMPERATURE DEG. F.	293	295	1	64	SIMULT.	NONE
COMPONENT: MOTOR RH MANUFACTURER: LIMITORQUE	PRESSURE PSIA	60.7	74.7	2,3	64	SIMULT	NONE
MODEL NUMBER: SMB-3 119332	RELATIVE HUMIDITY PCT	100%	100%	2	64	SIMULT	NONE
FUNCTION: SI ACC 1A DSCH ISOL MV	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	64	SIMULT	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	5E7 GAMMA 2E6 BETA	2E8 GAMMA >2E6 BETA	2,6,7,8	64,101	TEST/ANALY	NONE
LOCATION: GRID 10/235/594 RX BLDG	AGING	40 YEARS	40 YEARS	4	64	TYPE TEST	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: NO	SUBMERGENCE	REQUIRED	NOTE A	9	NOTE A	NOTE A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,B,S)

NOTES:

A) THIS VALVE IS REQUIRED TO BE LOCKED OPEN WHEN THERE IS >1000 PSIG RCS PRESSURE, PER TECH. SPECS. THE VALVE WILL NOT CHANGE POSITION WHEN SUBMERGED; IT WILL REMAIN IN LOCKED OPEN POSITION.

32091
SI

SYSTEM COMPONENT EVALUATION WORKSHEET

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UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL.	OUTSTANDING
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.	METHOD	ITEMS
SYSTEM: SAFETY INJECTION	OPERATIONAL TIME	30 DAYS	30 DAYS	35	64	SIMULT	NONE
PLANT ID NO: 32092	TEMPERATURE DEG. F.	293	295	1	64	SIMULT	NONE
COMPONENT: MOTOR RH	PRESSURE PSIA	60.7	74.7	2,3	64	SIMULT.	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-00 118375	RELATIVE HUMIDITY PCT	100%	100%	2	64	SIMULT.	NONE
FUNCTION: SI HP A COLD LEG ISOL MV	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NACH	PH = 10.5	4,5,118	64	SIMULT.	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	5E7 GAMMA 2E6 BETA	2E8 GAMMA >2E6 BETA	2,6,7,8	64,101	TEST/ANALY	NONE
LOCATION: GRID 33/257/600 RX BLDG	AGING	40 YEARS	40 YEARS	4	64	TYPE TEST	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: YES	SUBMERGENCE	N/A	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (T,P,H,CS,R)

NOTES:

32092
SI

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: EMERGENCY PROCEDURE SI	OPERATIONAL TIME	30 DAYS	30 DAYS	35	64	SIMULT	NONE
PLANT ID NO: 32092-A	TEMPERATURE DEG. F.	293	295	1	64	SIMULT	NONE
COMPONENT: AUX CONTACT	PRESSURE PSIA	60.7	74.7	2,3	64	SIMULT	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-00	RELATIVE HUMIDITY PCT	100%	100%	2	64	SIMULT	NONE
FUNCTION: SI LP A COLD LEG ISOL MV	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	64	SIMULT	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	5E7 GAMMA 2E6 BETA	2E8 GAMMA >2E6 BETA	2,6,7,8	64,101	TEST/ANALY	NONE
LOCATION: GRID 33/257/600 BX BLDG	AGING	40 YEARS	40 YEARS	4	64	TYPE TEST	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: YES	SUBMERGENCE	N/A	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
LOCA YES (T,P,H,CS,B)

NOTES:

32092-A
EP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SAFETY INJECTION	OPERATIONAL TIME	30 DAYS	30 DAYS	35	64	SIMULT	NONE
PLANT ID NO: 32093	TEMPERATURE DEG. F.	293	295	1	64	SIMULT	NONE
COMPONENT: MOTOR RH	PRESSURE PSIA	60.7	74.7	2,3	64	SIMULT.	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-00 118379	RELATIVE HUMIDITY PCT	100%	100%	2	64	SIMULT.	NONE
FUNCTION: SI LP A RX VESSEL ISOL MV	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	64	SIMULT.	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	5E7 GAMMA 2E6 BETA	2E8 GAMMA >2E6 BETA	2,6,7,8	64,101	TEST/ANALY	NONE
LOCATION: GRID 15/25/608 RX BLDG	AGING	40 YEARS	40 YEARS	4	64	TYPE TEST	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: YES	SUBMERGENCE	N/A	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (T,P,H,CS,B)

NOTES:

32093
SI

SYSTEM COMPONENT EVALUATION WORKSHEET

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UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SAFETY INJECTION	OPERATIONAL TIME	30 DAYS	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32094	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-00	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SI COLD LEG ISOL MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	1.6E7	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID J.5/5.9/608 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (B)

NOTES:

32094
SI

SYSTEM COMPONENT EVALUATION WORKSHEET

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UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: EMERGENCY PROCEDURE SI	OPERATIONAL TIME	30 DAYS	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32094-A	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: AUX CONTACT	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-00	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SI COLD LEG ISOL MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	1.6E7	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID J.5/5.9/608 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

SYSTEM COMPONENT EVAIUATION WORKSHEET

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UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SAFETY INJECTION	OPERATIONAL TIME	30 DAYS	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32095	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-00	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SI HOT LEG ISOL MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	1.2E5	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID H.3/4.4/608 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:

32095
SI

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

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EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SAFETY INJECTION	OPERATIONAL TIME	30 DAYS	30 DAYS	35	64	SIMULT	NONE
PLANT ID NO: 32096	TEMPERATURE DEG. F.	293	295	1	64	SIMULT.	NONE
COMPONENT: MOTOR RH MANUFACTURER: LIMITORQUE	PRESSURE PSIA	60.7	74.7	2,3	64	SIMULT	NONE
MODEL NUMBER: SMB-3 118637	RELATIVE HUMIDITY PCT	100%	100%	2	64	SIMULT	NONE
FUNCTION: SI ACC 1B DSCH ISOL MV	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NACH	PH = 10.5	4,5,118	64	SIMULT	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	5E7 GAMMA 2E6 BETA	2E8 GAMMA >2E6 BETA	2,6,7,8	64,101	TEST/ANALY	NONE
LOCATION: GRID 24/6/608 RX BLDG	AGING	40 YEARS	40 YEARS	4	64	TYPE TEST	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: YES	SUBMERGENCE	N/A	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (T,P,H,CS,R)

NOTES:
THIS VALVE IS REQUIRED TO BE LOCKED OPEN WHEN THERE IS >1000 PSIG RCS PRESSURE, PER TECH. SPECS.

32096
SI

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SAFETY INJECTION	OPERATIONAL TIME	30 DAYS	30 DAYS	35	64	SIMULT	NONE
PLANT ID NO: 32097	TEMPERATURE DEG. F.	293	295	1	64	SIMULT	NONE
COMPONENT: MOTOR RH	PRESSURE PSIA	60.7	74.7	2,3	64	SIMULT.	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-00 118378	RELATIVE HUMIDITY PCT	100%	100%	2	64	SIMULT.	NONE
FUNCTION: SI HP B COLD LEG ISOL MV	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	64	SIMULT.	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	5E7 GAMMA 2E6 BETA	2E8 GAMMA >2E6 BETA	2,6,7,8	64,101	TEST/ANALY	NONE
LOCATION: GRID 30/25/600 RX BLDG	AGING	40 YEARS	40 YEARS	4	64	TYPE TEST	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: YES	SUBMERGENCE	N/A	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
LOCA YES (T,P,H,CS,B)

NOTES:

32097
SI

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: EMERGENCY PROCEDURE SI	OPERATIONAL TIME	30 DAYS	30 DAYS	35	64	SIMULT	NONE
PLANT ID NO: 32097-A	TEMPERATURE DEG. F.	293	295	1	64	SIMULT	NONE
COMPONENT: AUX CONTACT	PRESSURE PSIA	60.7	74.7	2,3	64	SIMULT	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-00	RELATIVE HUMIDITY PCT	100%	100%	2	64	SIMULT	NONE
FUNCTION: SI HP B COLD LEG ISOL MV	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	64	SIMULT	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	5E7 GAMMA 2E6 BETA	2E8 GAMMA >2E6 BETA	2,6,7,8	64,101	TEST/ANALY	NONE
LOCATION: GRID 30/25/60C RX BLDG	AGING	40 YEARS	40 YEARS	4	64	TYPE TEST	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: YES	SUBMERGENCE	N/A	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,R)

NOTES:

A) THE AUX. CONTACT SWITCH TO BE INSPECTED FOR CORRECT COMPONENTS DURING SPRING 82 OUTAGE.

32097-A
EP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SAFETY INJECTION	OPERATIONAL TIME	30 DAYS	30 DAYS	35	64	SIMULT	NONE
PLANT ID NO: 32098	TEMPERATURE DEG. F.	293	295	1	64	SIMULT	NONE
COMPONENT: MOTOR RH	PRESSURE PSIA	60.7	74.7	2,3	64	SIMULT.	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-00 119148	RELATIVE HUMIDITY PCT	100%	100%	2	64	SIMULT.	NONE
FUNCTION: SI LP B RX VESSEL ISOL MV	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	64	SIMULT.	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	5E7 GAMMA 2E6 BETA	2E8 GAMMA >2E6 BETA	2,6,7,8	64,101	TEST/ANALY	NONE
LOCATION: GRID 30/60/600 RX BLDG	AGING	40 YEARS	40 YEARS	4	64	TYPE TEST	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: YES	SUBMERGENCE	N/A	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (T,P,H,CS,R)

NOTES:

32098
SI

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SAFETY INJECTION	OPERATIONAL TIME	30 DAYS	30 DAYS	35	64	SIMULT	NONE
PLANT ID NO: 32100	TEMPERATURE DEG. F.	293	295	1	64	SIMULT	NONE
COMPONENT: MOTOR RH MANUFACTURER: LIMITORQUE	PRESSURE PSIA	60.7	74.7	2,3	64	SIMULT.	NONE
MODEL NUMBER: SMB-1 122597	RELATIVE HUMIDITY PCT	100%	100%	2	64	SIMULT.	NONE
FUNCTION: SI TO RX VESSEL ISOL MV 1A	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	64	SIMULT.	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	5E7 GAMMA 2E6 BETA	2E8 GAMMA >2E6 BETA	2,6,7,8	64,101	TEST/ANALY	NONE
LOCATION: GRID 14/30/608 RX BLDG	AGING	40 YEARS	40 YEARS	4	64	TYPE TEST	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: YES	SUBMERGENCE	N/A	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (T,P,H,CS,B)

NOTES:

32100
SI

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL SI	OPERATIONAL TIME	30 DAYS	30 DAYS	35	64	SIMULT	NONE
PLANT ID NO: 32100-A	TEMPERATURE DEG. F.	293	295	1	64	SIMULT	NONE
COMPONENT: AUX CONTACT	PRESSURE PSIA	60.7	74.7	2,3	64	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-1	RELATIVE HUMIDITY PCT	100%	100%	2	64	N/A	NONE
FUNCTION: SI TO RX VESSEL ISOL MV 1A	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	64	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	5E7 GAMMA 2E6 BETA	2E8 GAMMA >2E6 BETA	2,6,7,8	64,101	TEST/ANALY	NONE
LOCATION: GRID 14/30/608 RX BLDG	AGING	40 YEARS	40 YEARS	4	64	TYPE TEST	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: YES	SUBMERGENCE	N/A	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,R)

NOTES:

A) THE AUX. CONTACT SWITCH TO BE INSPECTED FOR CORRECT COMPONENTS DURING SPRING 82 OUTAGE.

449101101
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SAFETY INJECTION	OPERATIONAL TIME	30 DAYS	30 DAYS	35	64	SIMULT	NONE
PLANT ID NO: 32101	TEMPERATURE DEG. F.	293	295	1	64	SIMULT	NONE
COMPONENT: MOTOR RH	PRESSURE PSIA	60.7	74.7	2,3	64	SIMULT.	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-1 122596	RELATIVE HUMIDITY PCT	100%	100%	2	64	SIMULT.	NONE
FUNCTION: SI TO RX VESSEL ISOL MV 1B	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	64	SIMULT.	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	5E7 GAMMA 2E6 BETA	2E8 GAMMA >2E6 BETA	2,6,7,8	64,101	TEST/ANALY	NONE
LOCATION: GRID 14/80/608 RX BLDG	AGING	40 YEARS	40 YEARS	4	64	TYPE TEST	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: YES	SUBMERGENCE	N/A	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (T,P,H,CS,R)

NOTES:

32101
SI

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL SI	OPERATIONAL TIME	30 DAYS	30 DAYS	35	64	SIMULT	NONE
PLANT ID NO: 32101-A	TEMPERATURE DEG. F.	293	295	1	64	SIMULT	NONE
COMPONENT: AUX CONTACT	PRESSURE PSIA	60.7	74.7	2,3	64	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-1	RELATIVE HUMIDITY PCT	100%	100%	2	64	N/A	NONE
FUNCTION: SI TO RX VESSEL ISOL MV 1B	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	64	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	5E7 GAMMA 2E6 BETA	2E8 GAMMA >2E6 BETA	2,6,7,8	64,101	TEST/ANALY	NONE
LOCATION: GRID 14/80/608 RX BLDG	AGING	40 YEARS	40 YEARS	4	64	TYPE TEST	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: YES	SUBMERGENCE	N/A	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:

LOCA YES (T,P,H,CS,R)

NOTES:

A) THE AUX. CONTACT SWITCH TO BE INSPECTED FOR CORRECT COMPONENTS DURING SPRING 82 OUTAGE.

449101102
ASP

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: SAFETY INJECTION	OPERATIONAL TIME	1 YEAR	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32102 #	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB 1-40	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CNTMT SUMP B ISOL MV 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	3E7	2.04E8	41	102	TYPE TEST	NONE
LOCATION: GRID J.6/6.0/586 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

32102
SI

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL SI	OPERATIONAL TIME	1 YEAR	1 YEAR	2,70	102	TYPE TEST	NONE
PLANT ID NO: 32102-A	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: AUX CONTACT	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-1-40	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CNTMT SUMP B ISOL MV 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	3E7	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID J.6/6.0/586 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

449100903
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SAFETY INJECTION	OPERATIONAL TIME	1 YEAR	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32103 #	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB 1-40	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CNTMT SUMP B ISOL MV 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	3E7	2.04E8	41	102	TYPE TEST	NONE
LOCATION: GRID J.7/6.0/586 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

32103
SI

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL.	OUTSTANDING
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.	METHOD	ITEMS
SYSTEM: ACTIVE STATUS PANEL SI	OPERATIONAL TIME	1 YEAR	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32103-A	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: AUX CONTACT	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-1-40	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CNTMT SUMP B ISOL MV 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	3E7	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID J.7/6.0/586 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

4491000904
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SAFETY INJECTION	OPERATIONAL TIME	30 DAYS	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32104	TEMPERATURE DEG. F.	60 60-104 (HELB)	N/A N/A	37,38 37,38	N/A N/A	N/A N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	37,38 37,38	N/A N/A	N/A N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-00	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	37,38,43 37,38	N/A N/A	N/A N/A	NONE
FUNCTION: BORIC ACID TANKS OUTLET ISOL MV 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR SI11-1	RADIATION RADS	5.6E6 <1E5 (HELB)	2E7 N/A	41 119	102 N/A	TYPE TEST N/A	NONE
LOCATION: GRID H.7/6.0/589 AUX BLDG SV ZONE	AGING	40 YEARS 40 YEARS (HELB)	40 YEARS 40 YEARS	8 8	102 102	TYPE TEST TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A N/A (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO
HELB NO

NOTES:

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: EMERGENCY PROCEDURE SI	OPERATIONAL TIME	30 DAYS	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32104-A	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: AUX CONTACT	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-00	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: BORIC ACID TANKS OUTLET ISOL MV 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	5.6E6	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID H.7/6.0/589 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

32104-A
EP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SAFETY INJECTION	OPERATIONAL TIME	30 DAYS	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32105	TEMPERATURE DEG. F.	60 60-104 (HELB)	N/A N/A	37,38 37,38	N/A N/A	N/A N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	37,38 37,38	N/A N/A	N/A N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-00	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	37,38,43 37,38	N/A N/A	N/A N/A	NONE
FUNCTION: BORIC ACID TANKS OUTLET ISOL MV 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR SI11-2	RADIATION RADS	5.6E6 <1E5 (HELB)	2E7 N/A	41 119	102 N/A	TYPE TEST N/A	NONE
LOCATION: GRID H.9/6.0/589 AUX BLDG SV ZONE	AGING	40 YEARS 40 YEARS (HELB)	40 YEARS 40 YEARS	8 8	102 102	TYPE TEST TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A N/A (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO
HELB NO

NOTES:

32105
SI

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: EMERGENCY PROCEDURE SI	OPERATIONAL TIME	30 DAYS	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32105-A	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: AUX CONTACT	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-00	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: BORIC ACID TANKS OUTLET ISOL MV 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	5.6E6	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID H.9/6.0/589 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (B)

NOTES:

32105-A
EP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SAFETY INJECTION	OPERATIONAL TIME	30 DAYS	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32106	TEMPERATURE DEG. F.	65-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-00	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: BORIC ACID SUPLY TO SI PMP SUCT MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	5.6E6	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID HW.0/6.0/589 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

32106
SI

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SAFETY INJECTION	OPERATIONAL TIME	30 DAYS	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32107	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-00	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SI PMP 1A SUCT ISOL MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	5.6E6	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID H.6/5.5/585 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:

32107
SI

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: EMERGENCY PROCEDURE SI	OPERATIONAL TIME	30 DAYS	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32107-A	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: AUX CONTACT	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-00	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SI PMP 1A SUCT ISOL MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	5.6E6	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID H.6/5.5/585 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

32107-A
EP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SAFETY INJECTION	OPERATIONAL TIME	30 DAYS	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32108 #	TEMPERATURE DEG. F.	65-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-00	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SI PMP 1B SUCT ISOL MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	5.6E6	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID H.3/5.5/58S AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:

32108
SI

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SAFETY INJECTION	OPERATIONAL TIME	30 DAYS	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32109 #	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	37,38 37,38	N/A N/A	N/A N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	37,38 37,38	N/A N/A	N/A N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-0	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	37,38,43 37,38,43	N/A N/A	N/A N/A	NONE
FUNCTION: RWST TO SI PMPS MV 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR SI10-1	RADIATION RADS	5.6E6 <1E5 (HELB)	2E7 N/A	41 119	102 N/A	TYPE TEST N/A	NONE
LOCATION: GRID HW.7/5.9/588 AUX BLDG SV ZONE	AGING	40 YEARS 40 YEARS (HELB)	40 YEARS 40 YEARS	8 8	102 102	TYPE TEST TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A N/A (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO
HELB NO

NOTES:

32109
SI

SYSTEM COMPONENT EVAIUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL SI	OPERATIONAL TIME	30 DAYS	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32109-A	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: AUX CONTACT	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-0	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RWST TO SI PMPS MV 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	5.6E6	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID HW.7/5.9/588 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

449101003
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SAFETY INJECTION	OPERATIONAL TIME	30 DAYS	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32110 #	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	37,38 37,38	N/A N/A	N/A N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	37,38 37,38	N/A N/A	N/A N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-0	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	37,38,43 37,38,43	N/A N/A	N/A N/A	NONE
FUNCTION: RWST TO SI PMPS MV 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR SI10-2	RADIATION RADS	5.6E6 <1E5 (HELB)	2E7 N/A	41 119	102 N/A	TYPE TEST N/A	NONE
LOCATION: GRID HW.9/5.9/588 AUX BLDG SV ZONE	AGING	40 YEARS 40 YEARS (HELB)	40 YEARS 40 YEARS	8 8	102 102	TYPE TEST TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A N/A (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO
HELE NO

NOTES:

32110
SI

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL SI	OPERATIONAI TIME	30 DAYS	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32110-A	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: AUX CONTACT	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-0	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RWST TO SI PMPS MV 1E	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	5.6E6	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID HW.9/5.9/588 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

449101004
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SAFETY INJECTION	OPERATIONAL TIME	1 YEAR	1 YEAR	41	102	TYPE TEST	NONE
PLANT ID NO: 32111	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-0	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RHR PMP SUCT ISOL MV 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	1.6E7	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID J.3/6.0/589 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

32111
SI

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: EMERGENCY PROCEDURE SI	OPERATIONAL TIME	30 DAYS	1 YEAR	41	102	TYPE TEST	NONE
PLANT ID NO: 32111-A	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: AUX CONTACT	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-00	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RWST TO SI PMPS MV 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	1.6E7	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID J.3/6.0/589 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

32111-A
EP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SAFETY INJECTION	OPERATIONAL TIME	1 YEAR	1 YEAR	41	102	TYPE TEST	NONE
PLANT ID NO: 32112	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-0	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RHR PMP SUCT ISOL MV 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	1.6E7	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID J.4/6.0/589 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:

32112
SI

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: EMERGENCY PROCEDURE SI	OPERATIONAL TIME	30 DAYS	1 YEAR	41	102	TYPE TEST	NONE
PLANT ID NO: 32112-A	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: AUX CONTACT	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-00	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RHR PMP SUCT ISOL MV 1E	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	1.6E7	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID J.4/6.0/589 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:

32112-A
EP

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SAFETY INJECTION	OPERATIONAL TIME	1 YEAR	1 YEAR	2,35	102	TYPE TEST	NONE
PLANT ID NO: 32113 #	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB 1-40	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CNTMT SUMP B ISOL MV 1C	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	3E7	2.04E8	41	102	TYPE TEST	NONE
LOCATION: GRID J.6/6.0/586 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:

32113
SI

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	1 YEAR	1 YEAR	2,70	102	TYPE TEST	NONE
PLANT ID NO: 32113-A	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: AUX CONTACT	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-1-40	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CNTMT SUMP B ISOL MV 1C	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	3E7	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID J.6/6.0/586 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (B)

NOTES:

4491C0905
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SAFETY INJECTION	OPERATIONAL TIME	24 HOURS	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32114 #	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB 1-40	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CNTMT SUMP B ISOL MV 1D	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	3E7	2.04E8	41	102	TYPE TEST	NONE
LOCATION: GRID J.7/6.0/586 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

32114
SI

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	24 HOURS	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32114-A	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: AUX CONTACT	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-1-40	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CNTMT SUMP B ISOL MV 1D	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	3E7	2.04E8	41	102	TYPE TEST	NONE
LOCATION: GRID J.7/6.0/586 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

449100906
ASP

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: CHEMICAL & VOL. CONTROL	OPERATIONAL TIME	30 MIN.	N/A	35	102	TYPE TEST	NONE
PLANT ID NO: 32115 #	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-0	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SEAL WTR LEAKOFF ISOL MV CLOSED	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	1.6E7	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID J.6/6.0/616 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	1 YEAR	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

32115
CVC

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL.	OUTSTANDING
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.	METHOD	ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	30 MIN.	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32115-A	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: AUX CONTACT	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-0	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SEAL WTR LEAKOFF ISOL MV CLOSED	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL RCOM ANNUNCIATION	RADIATION RADS	1.6E7	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID J.6/6.0/616 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: YES	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

8409110504
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: COMPONENT COOLING	OPERATIONAL TIME	1 YEAR	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32119	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-000	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CCW TO RSDL HT EXGR 1A MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	5.4E6	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID J.5/7.0/625 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

32119
CC

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: EMERGENCY PROCEDURE CC	OPERATIONAL TIME	1 YEAR	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32119-A	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: AUX CONTACT	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-00	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CCW TO RSDL HT EXGR 1A MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	5.4E6	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID J.5/7.0/625 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

32119-A
EP

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: COMPONENT COOLING	OPERATIONAL TIME	1 YEAR	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32120	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-000	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CCW TO RSDL HT EXGR 1B MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	5.4E6	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID J.5/6.7/625 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:

32120
CC

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: EMERGENCY PROCEDURE CC	OPERATIONAL TIME	1 YEAR	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32120-A	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: AUX CONTACT	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-00	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CCW TO RSDL HT EXGR 1B MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	5.4E6	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID J.5/6.7/625 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:

32120-A
EP

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: COMPONENT COOLING	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 32121	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-500	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CC HX 1A OUTLET MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID J.6/8.8/613 AUX BLDG SW ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

32121
CC

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 32121-A	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: AUX CONTACT	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-00	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CC HX 1A OUTLET MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID J.6/8.8/613 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

449101105A
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: COMPONENT COOLING	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 32122	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-500	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CC HX 1B OUTLET MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID J.6/8.6/613 AUX BLDG SW ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

32122
CC

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 32122-A	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: AUX CONTACT	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-500	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CC HX 1B OUTLET MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID J.6/8.6/613 AUX BLDG SW ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

449101106A
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: CHEMICAL & VOL. CONTROL	OPERATIONAL TIME	24 HOURS	30 DAYS	35	64	TYPE TEST	NONE
PLANT ID NO: 32124 #	TEMPERATURE DEG. F.	293	295	1	64	SIMULT.	NONE
COMPONENT: MOTOR BH	PRESSURE PSIA	60.7	74.7	2,3	64	SIMULT.	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-00	RELATIVE HUMIDITY PCT	100%	100%	2	64	SIMULT	NONE
FUNCTION: SL WTR LEAKOFF SHUT-OFF MV	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	64	SIMULT	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	5E7 GAMMA 2E6 BETA	2E8 GAMMA >2E6 BETA	2,6,7,8	64,101	TEST/ANALY	NONE
LOCATION: GRID 1/3/613 RX BLDG	AGING	40 YEARS	40 YEARS	8	64	TYPE TEST	NONE
FLOOD LEVEL ELEV: 600' ABOVE FLOOD LEVEL: YES	SUBMERGENCE	N/A	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
LOCA YES (T,P,H,CS,R)

NOTES:

32124
CVC

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	24 HOURS	30 DAYS	35	64	SIMULT	NONE
PLANT ID NO: 32124-A	TEMPERATURE DEG. F.	293	295	1	64	SIMULT	NONE
COMPONENT: AUX CONTACT	PRESSURE PSIA	60.7	74.7	2,3	64	SIMULT	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-00 131940	RELATIVE HUMIDITY PCT	100%	100%	2	64	SIMULT	NONE
FUNCTION: SL WTR LEAKOFF SHUT-OFF MV	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	64	SIMULT	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	5E7 GAMMA 2E6 BETA	2E8 GAMMA >2E6 BETA	2,6,7,8	64,101	TEST/ANALY	NONE
LOCATION: GRID 1/3/613 RX BLDG	AGING	40 YEARS	40 YEARS NOTE A	8	64	TYPE TEST	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: YES	SUBMERGENCE	N/A	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (T,P,H,CS,R)

NOTES:
A) THE AUX. CONTACT SWITCH IS TO BE INSPECTED FOR CORRECT COMPONENTS DURING SPRNG 82 OUTAGE.

4491106O4
ASP

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: INTERNAL CONTAINMENT SPRAY	OPERATIONAL TIME	.5 HOURS	.5 HOURS	35	102	TYPE TEST	NONE
PLANT ID NO: 32125	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-00	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CS PUMP 1A AUX CLNT MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	5.6E6	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID GW.1/5.8/588 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

32125
ICS

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: INTERNAL CONTAINMENT SPRAY	OPERATIONAL TIME	.5 HOURS	.5 HOURS	35	102	TYPE TEST	NONE
PLANT ID NO: 32126	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-00	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CS PUMP 1B AUX CLNT MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	5.6E6	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID GW.1/5.2/538 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

32126
ICS

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SAFETY INJECTION	OPERATIONAL TIME	24 HOURS	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32130	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-00	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RWST TEST INLT STOP MV 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	5.6E6	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID H.8/5.3/589 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

BARSH:
LOCA YES (R)

NOTES:

32130
SI

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: EMERGENCY PROCEDURE SI	OPERATIONAL TIME	24 HOURS	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32130-A	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: AUX CONTACT	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-00	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RWST TEST INLT STOP MV 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	5.6E6	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID H.8/5.3/589 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

32130-A
EP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL.	OUTSTANDING
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.	METHOD	ITEMS
SYSTEM: SAFETY INJECTION	OPERATIONAL TIME	30 DAYS	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32131	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-00	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RWST TEST INLT STOP MV 1E	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	5.6E6	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID H.7/5.4/589 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (B)

NOTES:

32131
SI

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: EMERGENCY PROCEDURE	OPERATIONAL TIME	24 HOURS	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32131-A	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: AUX CONTACT	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-00	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RWST TEST INLT STOP MV 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	5.6E6	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID H.7/5.4/589 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (B)

NOTES:

32131-A
EP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: RESIDUAL HEAT REMOVAL	OPERATIONAL TIME	30 DAYS	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32134 #	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-000	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RSDL HX OUTL TO SI PMP 1A MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	5.6E6	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID H.8/6.0/597 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

32134
RHR

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL RHR	OPERATIONAL TIME	30 DAYS	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32134-A	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: AUX CONTACT	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-00	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: PSDI HX OUTL TO SI PMP 1A MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL BOOM ANNUNCIATION	RADIATION RADS	5.6E6	2E7	41	102	TYPE TEST	NONE
LOCATION: GRID H.8/6.0/597 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:

449101005
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: RESIDUAL HEAT REMOVAL	OPERATIONAL TIME	30 DAYS	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32135 #	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-000	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RSDL HX OUTL TO SI PMP 1B MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	5.6E6	2E7	41	64	TYPE TEST	NONE
LOCATION: CRID H.4/6.0/597 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:

32135
RHR

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL RHR	OPERATIONAL TIME	30 DAYS	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32135-A	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: AUX CONTACT	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-00	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RSDL HX OUTL TO SI PMP 1B MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	5.6E6	2E7	41	64	TYPE TEST	NONE
LOCATION: GRID H.4/6.0/597 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:

449101006
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: POST LOCA H2	OPERATIONAL TIME	120 DAYS	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32145	TEMPERATURE DEG. F.	293	295	1	64	SIMULT	NONE
COMPONENT: MOTOR	PRESSURE PSIA	60.7	74.7	2,3	64	SIMULT	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-000 173354	RELATIVE HUMIDITY PCT	100%	100%	2	64	SIMULT	NONE
FUNCTION: POST LOCA HYDRO VENT ISOL 1A MV	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NACH	PH = 10.5	4,5,118	100	SIMULT	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	5E7 GAMMA 2E6 BETA	2E8 GAMMA >2E6 BETA	2,6,7,8	64,101	TEST/ANALY	NONE
LOCATION: GRID 2/116/630 RX BLDG	AGING	40 YEARS	40 YEARS	8	102	TYPE TEST	NONE
FLOOD LEVEL ELEV: 600' ABOVE FLOOD LEVEL: YES	SUBMERGENCE	N/A	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (T,P,H,CS,H)

NOTES:

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: POST LOCA H2	OPERATIONAL TIME	120 DAYS	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32146	TEMPERATURE DEG. F.	293	295	1	64	SIMULT	NONE
COMPONENT: MOTOR	PRESSURE PSIA	60.7	74.7	2,3	64	SIMULT	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-000 173355	RELATIVE HUMIDITY PCT	100%	100%	2	64	SIMULT	NONE
FUNCTION: POST LOCA HYDRO VENT ISOL 1B MV	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NACH	PH = 10.5	4,5,118	64	SIMULT	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	5E7 GAMMA 2E6 BETA	2E8 GAMMA >2E6 BETA	2,6,7,8	64,101	TEST/ANALY	NONE
LOCATION: GRID 2/260/628 FX BLDG	AGING	40 YEARS	40 YEARS	8	64	TYPE TEST	NONE
FLOOD LEVEL ELEV: 600' ABOVE FLOOD LEVEL: YES	SUBMERGENCE	N/A	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (T,P,H,CS,R)

NOTES:

32146
LOCA-H2

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: POST LOCA H2	OPERATIONAL TIME	60 DAYS	1 YEAR	86	102	TYPE TEST	NONE
PLANT ID NO: 32147	TEMPERATURE DEG. F.	160	300	53	64	SIMULT	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	53	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-000	RELATIVE HUMIDITY PCT	100%	100%	53	64	SIMULT	NONE
FUNCTION: POST LOCA H2 CONTR SPLY AIR 1A ISOL MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	1.2E7	2.04E8	41	64	SEPARATE	NONE
LOCATION: GRID 2/110/630 RX BLDG	AGING	40 YEARS	40 YEARS	48	64	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (T,H,R)

NOTES:

32147
LOCA-H2

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: POST LOCA H2	OPERATIONAL TIME	60 DAYS	1 YEAR	86	102	TYPE TEST	NONE
PLANT ID NO: 32148	TEMPERATURE DEG. F.	160	300	53	64	SIMULT	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	53	N/A	N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-000	RELATIVE HUMIDITY PCT	100%	100%	53	64	SIMULT	NONE
FUNCTION: POST LOCA H2 CONTR SPLY AIR 1B ISOL MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	1.2E7	2.04E8	41	64	SEPARATE	NONE
LOCATION: GRID 2/280/621 RX BLDG	AGING	40 YEARS	40 YEARS	8	64	SEPARATE	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (T,H,R)

NOTES:

32148
LOCA-H2

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT	PRIMARY CONTAINMENT	SYSTEM
1	LINCOLN	1-141	213T	MOTOR	NO	DIESEL GENERATOR MECHANICAL
2	LINCOLN	1-436	213T	MOTOR	NO	DIESEL GENERATOR MECHANICAL

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: DIESEL GENERATOR MECHANICAL	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-141	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.5-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: LINCOLN							
MODEL NUMBER: 213T	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: DIESEL START-UP AIR COMP & RCVR 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PROVIDE EMERGENCY SERVICE	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID A.2/6.3/586 TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1-141
DG-MECH

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: DIESEL GENERATOR MECHANICAL	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-436	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.5-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MANUFACTURER: LINCOLN							
MODEL NUMBER: 213T	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: DIESEL START-UP AIR COMP & RCVR 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PROVIDE EMERGENCY SERVICE	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 119	N/A N/A	N/A N/A	NONE
LOCATION: GRID A.2/8.2/586 TURB BLDG	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

1-436
DG-MECH

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT	PRIMARY	INSIDE CONTAINMENT	SYSTEM
1	LOUIS ALLIS	1-131	R184T	MOTOR		NO	AUX. BLDG. VENT
2	LOUIS ALLIS	1-136	R184T	MOTOR		NO	AUX. BLDG. VENT
3	LOUIS ALLIS	1-201	R18T	MOTOR		NO	TURBINE BUILDING VENT
4	LOUIS ALLIS	1-211	R184T	MOTOR		NO	TURBINE BUILDING VENT

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -I LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. VENT	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-131	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LOUIS ALLIS							
MODEL NUMBER: R184T	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: MEZZANINE FAN COIL UNIT 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: FAN DRIVER	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID HW/9S/606 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

1-131
ABV

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. VENT	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-136	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: LOUIS ALLIS							
MODEL NUMBER: 5184T	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: MEZZANINE FAN COIL UNIT 1E	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: FAN DRIVER	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID HW/9S/606 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1-136
ABV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: TURBINE BUILDING VENT	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-201	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MANUFACTURER: LOUIS ALLIS							
MODEL NUMBER: R18T	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: TB FAN COIL UNIT 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: FAN DRIVER	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 119	N/A N/A	N/A N/A	NONE
LOCATION: GRID C.2/8.8/586 TURB BLDG	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1-201
TBV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: TURBINE BUILDING VENT	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-211	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MANUFACTURER: LOUIS ALLIS							
MODEL NUMBER: R184T	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: TB FAN COIL UNIT 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: FAN DRIVER	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 119	N/A N/A	N/A N/A	NONE
LOCATION: GRID F.9/8.5/586 TURB BLDG	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

1-211
TBV

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT PRIMARY	INSIDE CONTAINMENT	SYSTEM
1	MAGNETROL	16638	A-153-F-EP/VP-X-Y	LEVEL SWITCHES	NO	RESIDUAL HEAT REMOVAL
2	MAGNETROL	16639	A-153-F-EP/VP-X-Y	LEVEL SWITCHES	NO	RESIDUAL HEAT REMOVAL
3	MAGNETROL	1669301	A-153-FXEP/VP-XY-TDM	LEVEL SWITCHES	NO	RESIDUAL HEAT REMOVAL
4	MAGNETROL	1669302	A-153-FXEP/VP-XY-TDM	LEVEL SWITCHES	NO	RESIDUAL HEAT REMOVAL
5	MAGNETROL	1669401	A-153-FXEP/VP-XY-TDM	LEVEL SWITCHES	NO	RESIDUAL HEAT REMOVAL
6	MAGNETROL	1669402	A-153-FXEP/VP-XY-TDM	LEVEL SWITCHES	NO	RESIDUAL HEAT REMOVAL
7	MAGNETROL (SCHAUB ENGR)	16695	A-153 FEPTDM	LEVEL INDICATOR/ ALARM	YES	RESIDUAL HEAT REMOVAL
8	MAGNETROL (SCHAUB ENGR)	16696	A-153 FEPTDM	LEVEL INDICATOR/ ALARM	YES	RESIDUAL HEAT REMOVAL

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

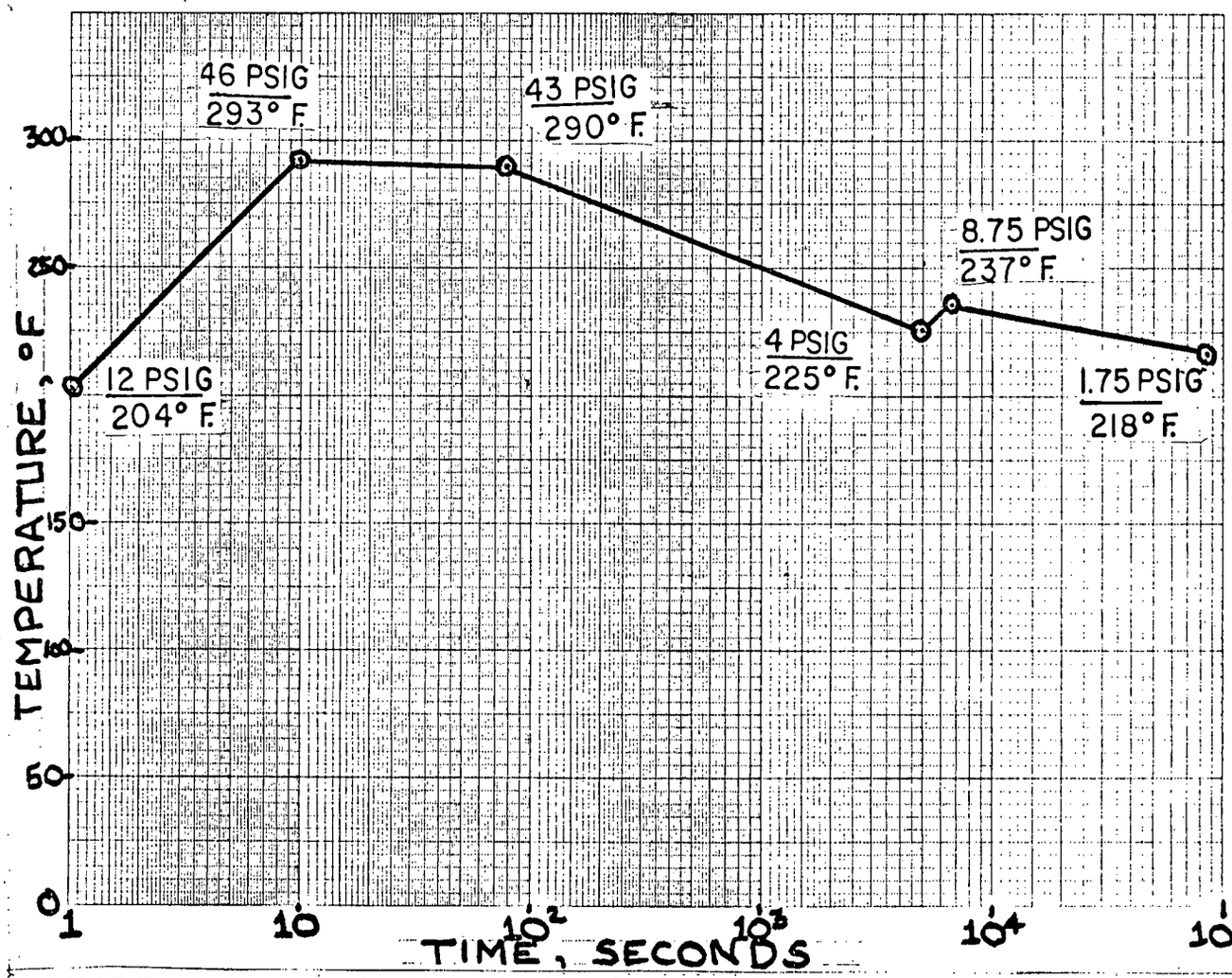
EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: RESIDUAL HEAT REMOVAL	OPERATIONAL TIME	1 YEAR	1 YEAR	35	80	TYPE TEST	NONE
PLANT ID NO: 16638	TEMPERATURE DEG. F.	65-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LEVEL SWITCHES	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: MAGNETROL							
MODEL NUMBER: A-153-F-EP/VP-X-Y S/N 491520	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RHR PMP 1A EIT CONT/HIGH LA	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: LEVEL SWITCH	RADIATION RADS	3.4E7	1.3E8	41	80	TYPE TEST	NONE
LOCATION: GRID J.5/6.4/568 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: NO	SUBMERGENCE	REQUIRED	YES	9	79	SEPARATE	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

16638
RHR



KNPP LOCA PRESSURE / TEMPERATURE PROFILE

SOURCE: FSAR FIG. 14.3-23 PLUS 9% MARGIN; SATURATION TEMPERATURE

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

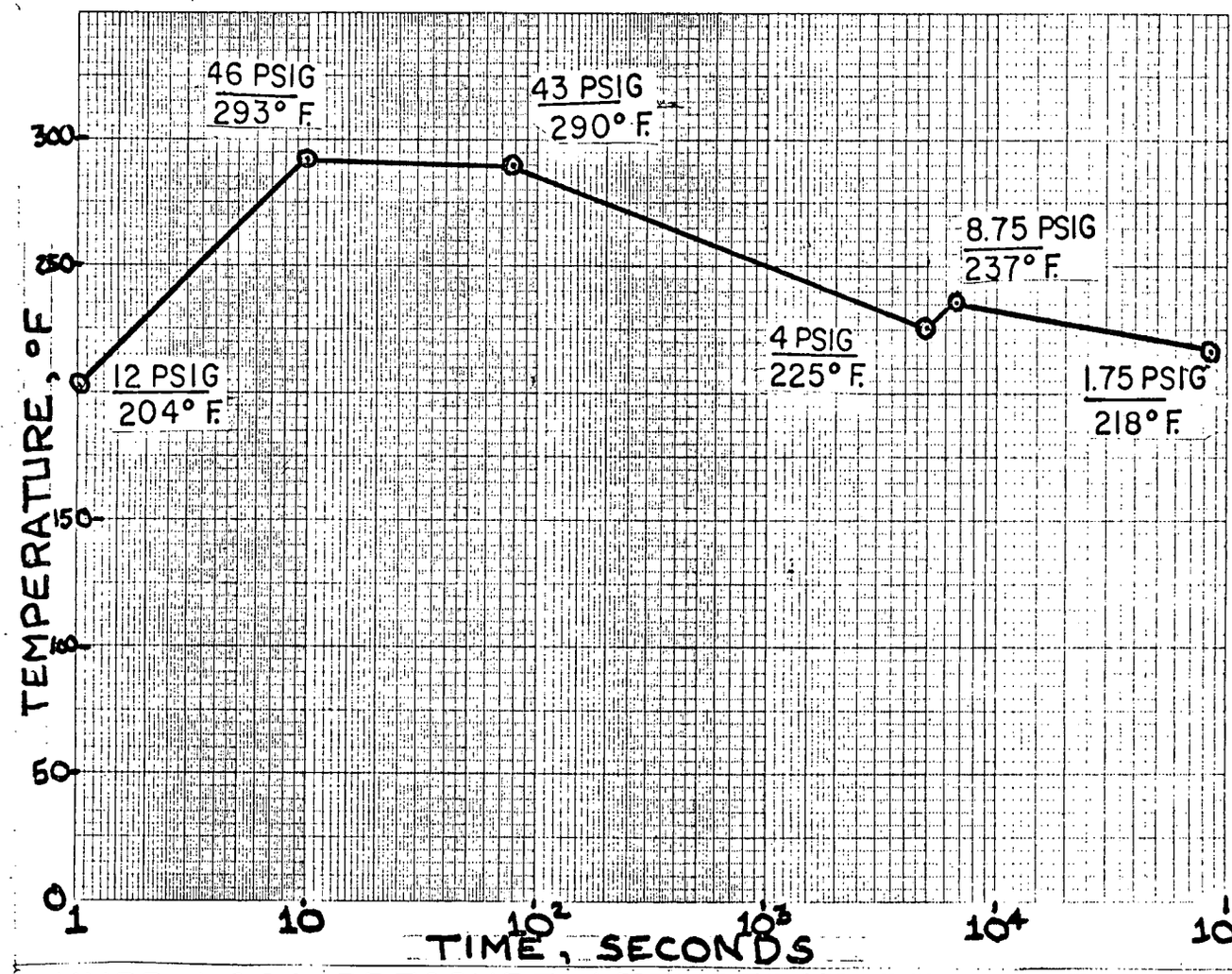
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SYSTEM: RESIDUAL HEAT REMOVAL	OPERATIONAL TIME	1 YEAR	1 YEAR	35	80	TYPE TEST	NONE
PLANT ID NO: 16639	TEMPERATURE DEG. F.	65-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LEVEL SWITCHES	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: MAGNETROL							
MODEL NUMBER: A-153-F-EP/VP-X-Y S/N 141521	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RHR PMP 1B PIT CONT/HIGH LA	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: LEVEL SWITCH	RADIATION RADS	3.4E7	1.3E8	41	80	TYPE TEST	NONE
LOCATION: GRID J.5/6.4/568 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: NO	SUBMERGENCE	REQUIRED	YES	9	79	SEPARATE	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

16639
RHR



KNPP LOCA PRESSURE / TEMPERATURE PROFILE

SOURCE: FSAR FIG. 14.3-23 PLUS 9% MARGIN; SATURATION TEMPERATURE

SYSTEM COMPONENT EVALUATION WORKSHEET

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REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

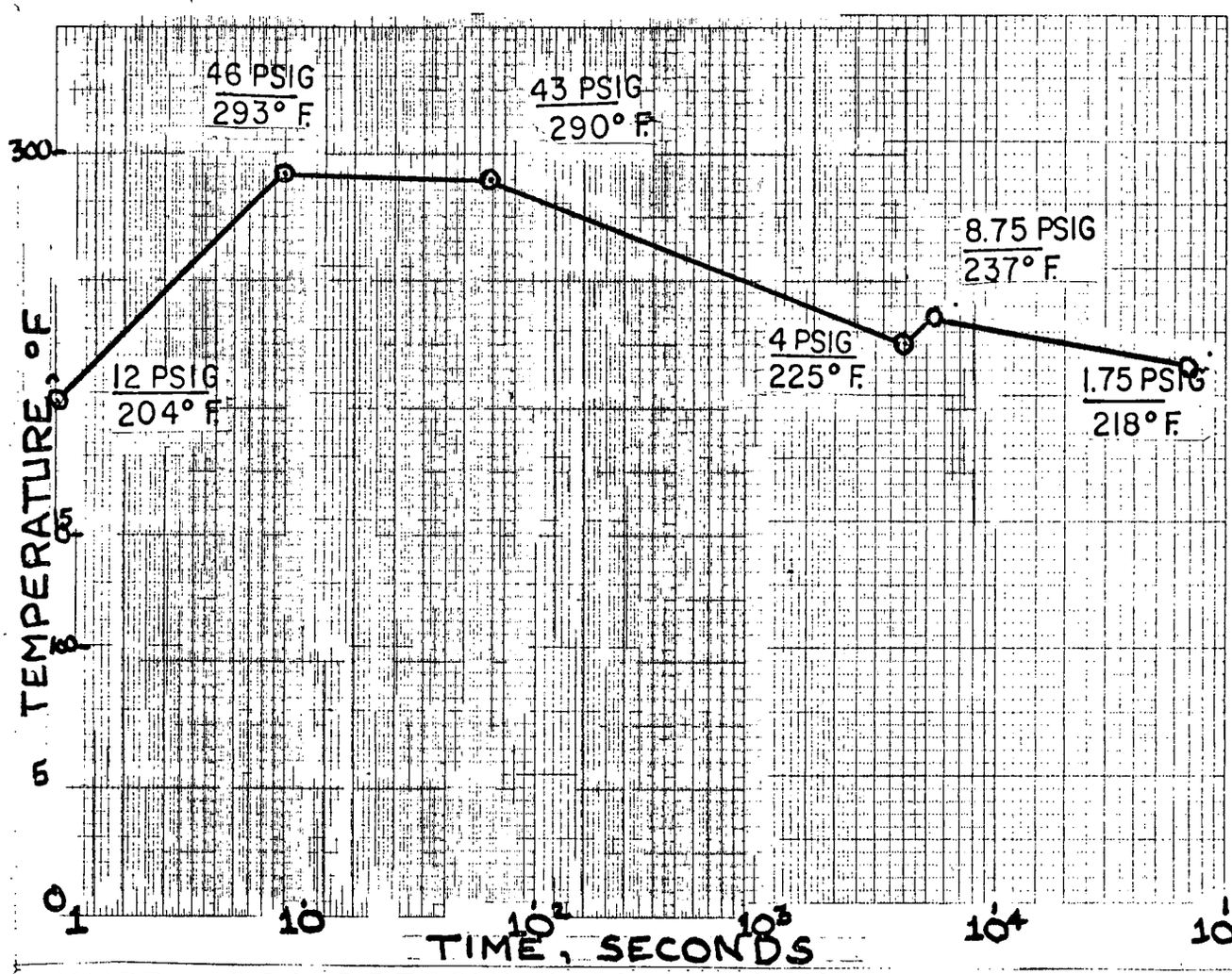
EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: RESIDUAL HEAT REMOVAL	OPERATIONAL TIME	1 YEAR	1 YEAR	35	80	TYPE TEST	NONE
PLANT ID NO: 1669301	TEMPERATURE DEG. F.	65-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LEVEL SWITCHES	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: MAGNETROL							
MODEL NUMBER: A-153-PXEE/VP-XY-TDM S/N 539210	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RHR PMP PIT SUMP PMP 1B HI LA	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: LEVEL SWITCH	RADIATION RADS	3E7	1.3E8	41	80	TYPE TEST	NONE
LOCATION: GRID J.4/6.3/568 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: NO	SUBMERGENCE	REQUIRED	YES	9	79	SEPARATE	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1669301
RHR



KNPP LOCA PRESSURE / TEMPERATURE PROFILE

SOURCE: FSAR FIG. 14.3-23 PLUS 9% MARGIN; SATURATION TEMPERATURE

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

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REVISED 04/01/82

DOCKET: 50-305

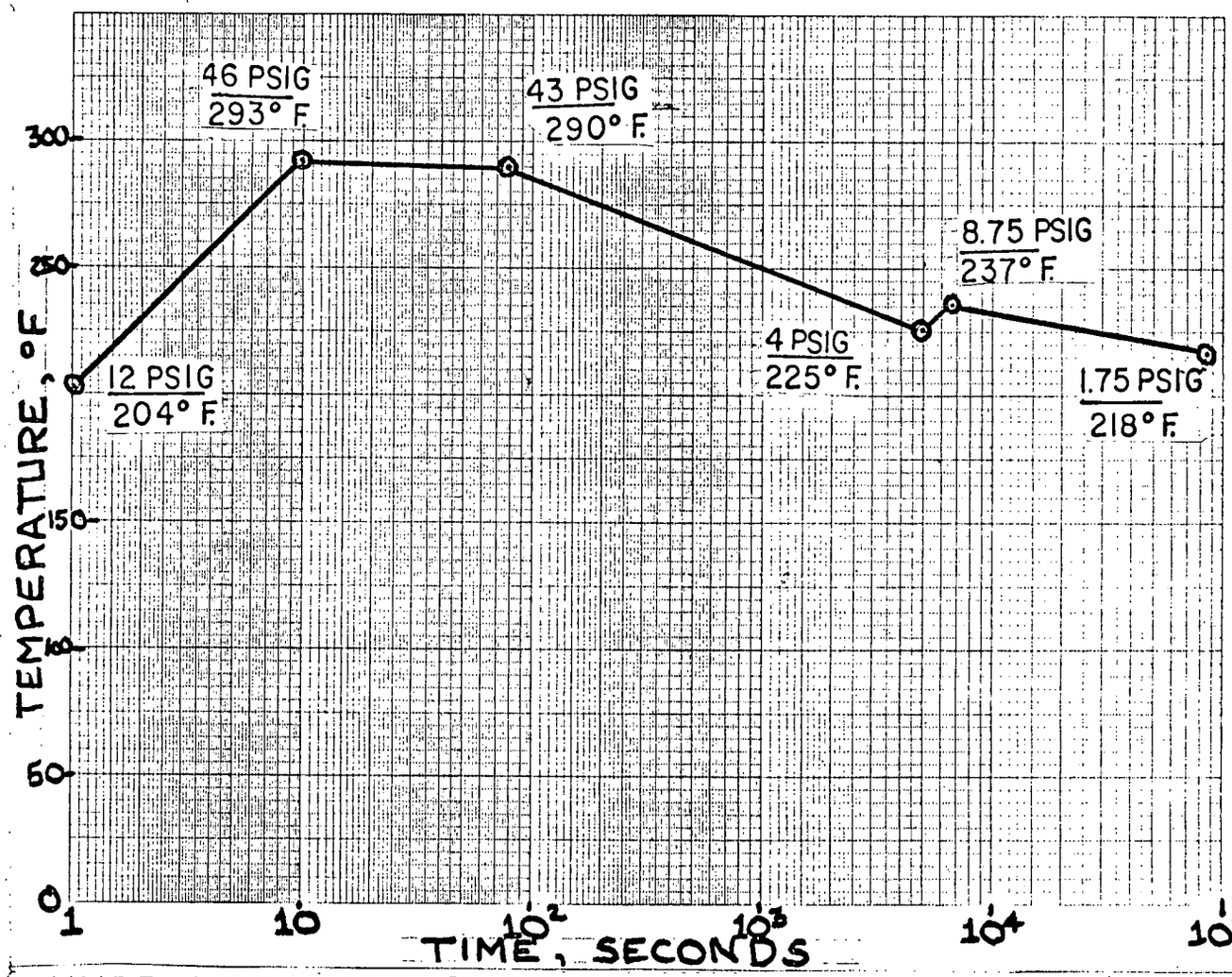
EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: RESIDUAL HEAT REMOVAL	OPERATIONAL TIME	1 YEAR	1 YEAR	35	80	TYPE TEST	NONE
PLANT ID NO: 1669302	TEMPERATURE DEG. F.	65-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LEVEL SWITCHES	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: MAGNETROL							
MODEL NUMBER: A-153-FXEP/VP-XY-TDM S/N 539210	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RHR PMP PIT SUMP PMP 1B HI-HI-HI-LA	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: LEVEL SWITCH	RADIATION RADS	3E7	1.3E8	41	80	TYPE TEST	NONE
LOCATION: GRID J.4/6.3/568 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: NO	SUBMERGENCE	REQUIRED	YES	9	79	SEPARATE	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1669302
RHR



KNPP LOCA PRESSURE / TEMPERATURE PROFILE

SOURCE: FSAR FIG. 14.3-23 PLUS 9% MARGIN; SATURATION TEMPERATURE

SYSTEM COMPONENT EVALUATION WORKSHEET

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REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

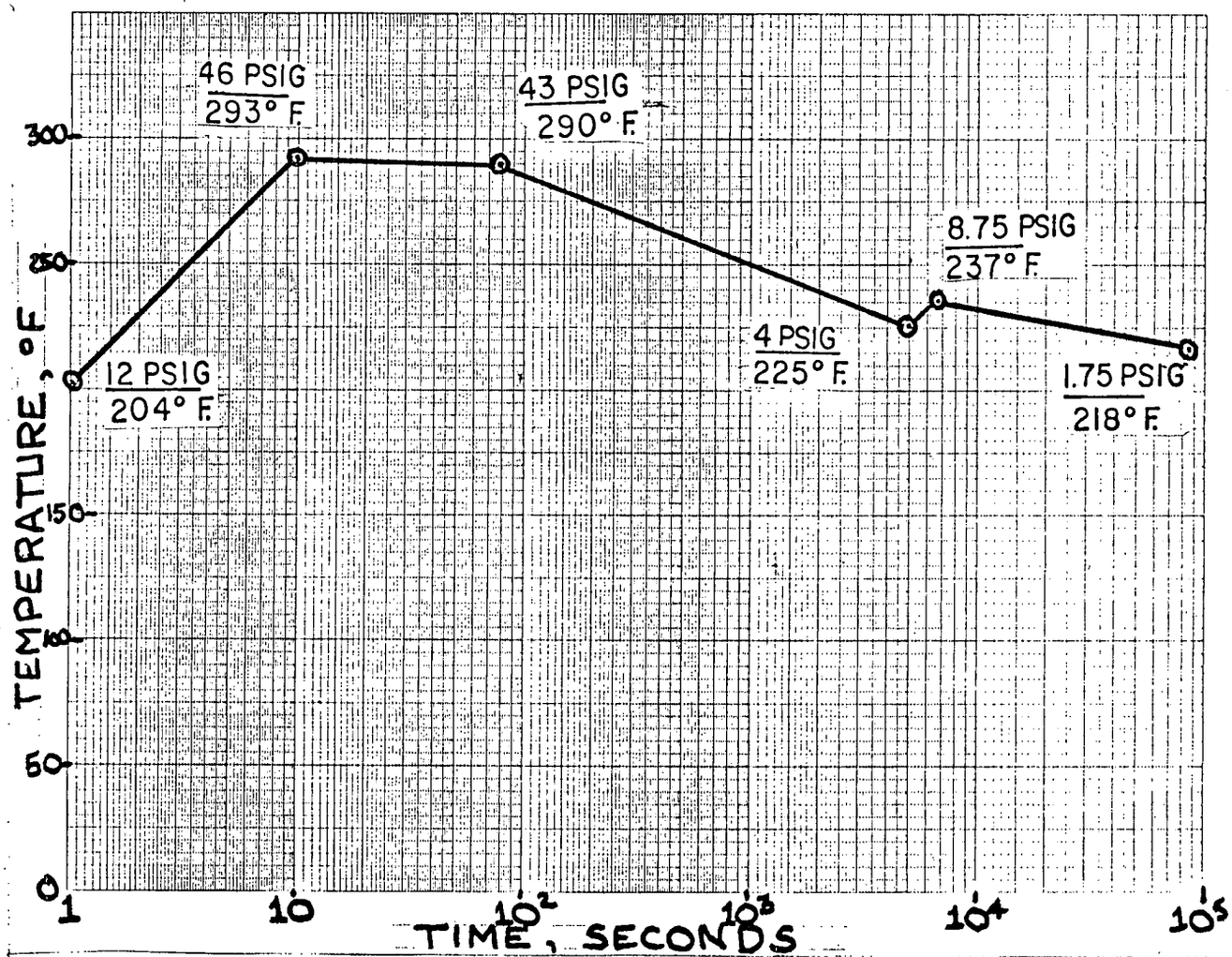
EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: RESIDUAL HEAT REMOVAL PLANT ID NO: 1669401 COMPONENT: LEVEL SWITCHES MANUFACTURER: MAGNETROL MODEL NUMBER: A-153-FXFF/VP-XY-TDM S/N 514103 FUNCTION: RHR PMP PIT SUMP EMP 1A HI-HI-LA SERVICE: LEVEL SWITCH LOCATION: GRID J.4/6.3/586 AUX BLDG FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: NO	OPERATIONAL TIME	1 YEAR	1 YEAR	35	80	TYPE TEST	NONE
	TEMPERATURE DEG. F.	65-104	N/A	37,38	N/A	N/A	NONE
	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
	RADIATION RADS	3E7	1.3E8	41	80	TYPE TEST	NONE
	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
	SUBMERGENCE	REQUIRED	YES	9	79	SEPARATE	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1669401
RHR



KNPP LOCA PRESSURE / TEMPERATURE PROFILE

SOURCE: FSAR FIG. 14.3-23 PLUS 9% MARGIN; SATURATION TEMPERATURE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

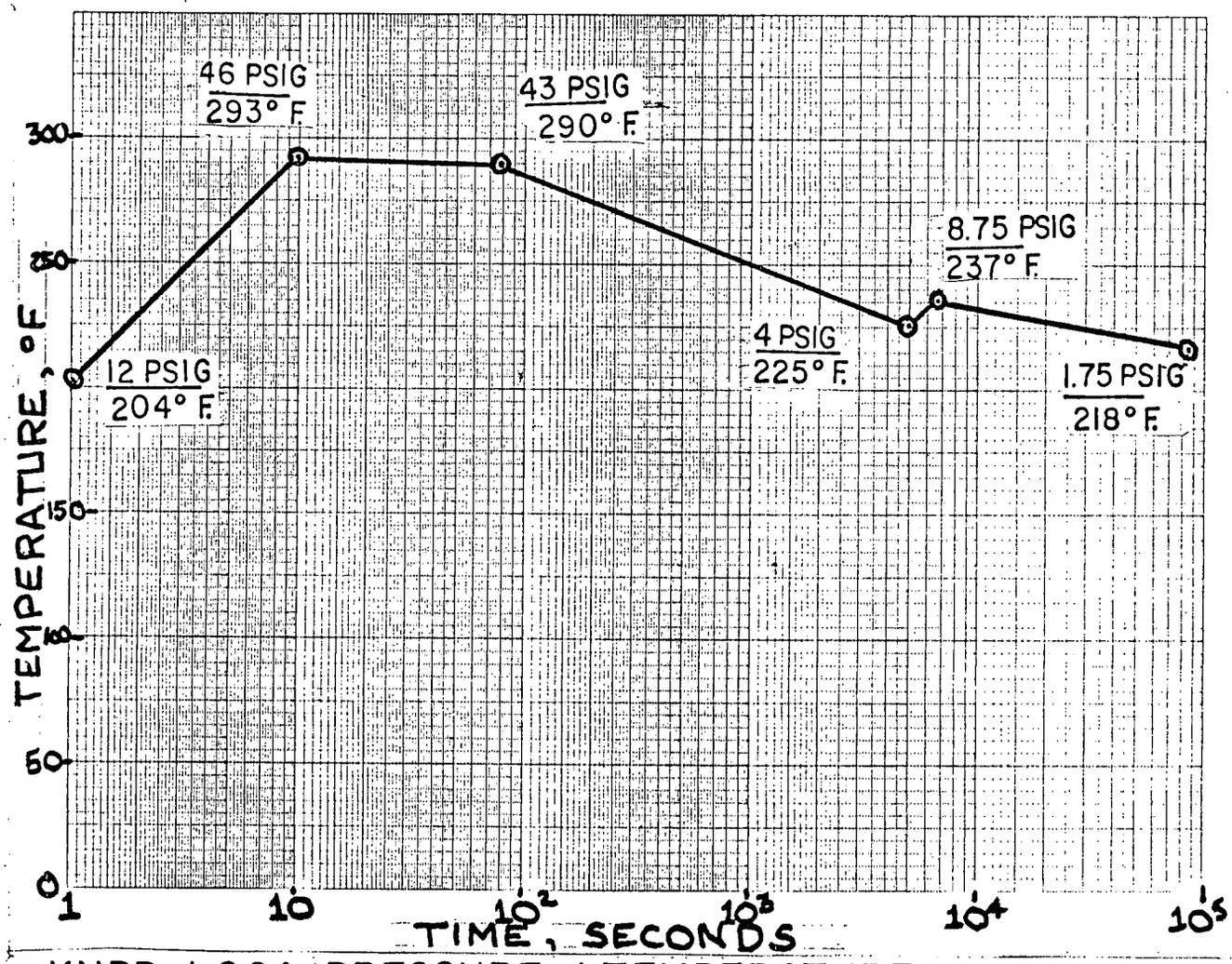
EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: RESIDUAL HEAT REMOVAL	OPERATIONAL TIME	1 YEAR	1 YEAR	35	80	TYPE TEST	NONE
PLANT ID NO: 1669402	TEMPERATURE DEG. F.	65-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LEVEL SWITCHES	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: MAGNETROL							
MODEL NUMBER: A-153-PXEP/VP-XY-TDM S/N 514103	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RHR PMP PIT SUMP PMP 1A HI-HI-HI-LA	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: LEVEL SWITCH	RADIATION RADS	3E7	1.3E8	41	80	TYPE TEST	NONE
LOCATION: GRID J.4/6.3/568 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: NO	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1669402
RHR



KNPP LOCA PRESSURE / TEMPERATURE PROFILE

SOURCE: FSAR FIG. 14.3-23 PLUS 9% MARGIN; SATURATION TEMPERATURE

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: RESIDUAL HEAT REMOVAL	OPERATIONAL TIME	2 HOURS	4 HOURS	35	79	SIMULT	NONE
PLANT ID NO: 16695	TEMPERATURE DEG. F.	293	275,NOTE B	1	79,NOTE B	NOTE B	NONE
COMPONENT: LEVEL INDICATOR/ ALARM	PRESSURE PSIA	60.7	114.7	2,3	79	SIMULT	NONE
MANUFACTURER: MAGNETROL (SCHAUB ENGR)							
MODEL NUMBER: A-153 FEPTDM	RELATIVE HUMIDITY PCT	100%	100%	2	79	SIMULT	NONE
FUNCTION: RHR SUMP B LVL B-1 LA	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 8.8	4,5,118	79,123	ENGR ANALY	NONE
SERVICE: ALARM	RADIATION RADS	7.2E6 GAMMA (A) 2E6 BETA	1.3E8 GAMMA >2E6 BETA	8,78	80,101	TEST/ANALY	NONE
LOCATION: GRID 16.5/10/595 RX BLDG	AGING	40 YEARS	>>40 YEARS	8	158	ANALYSIS	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: NO	SUBMERGENCE	REQUIRED	YES	9	79	SEPARATE	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

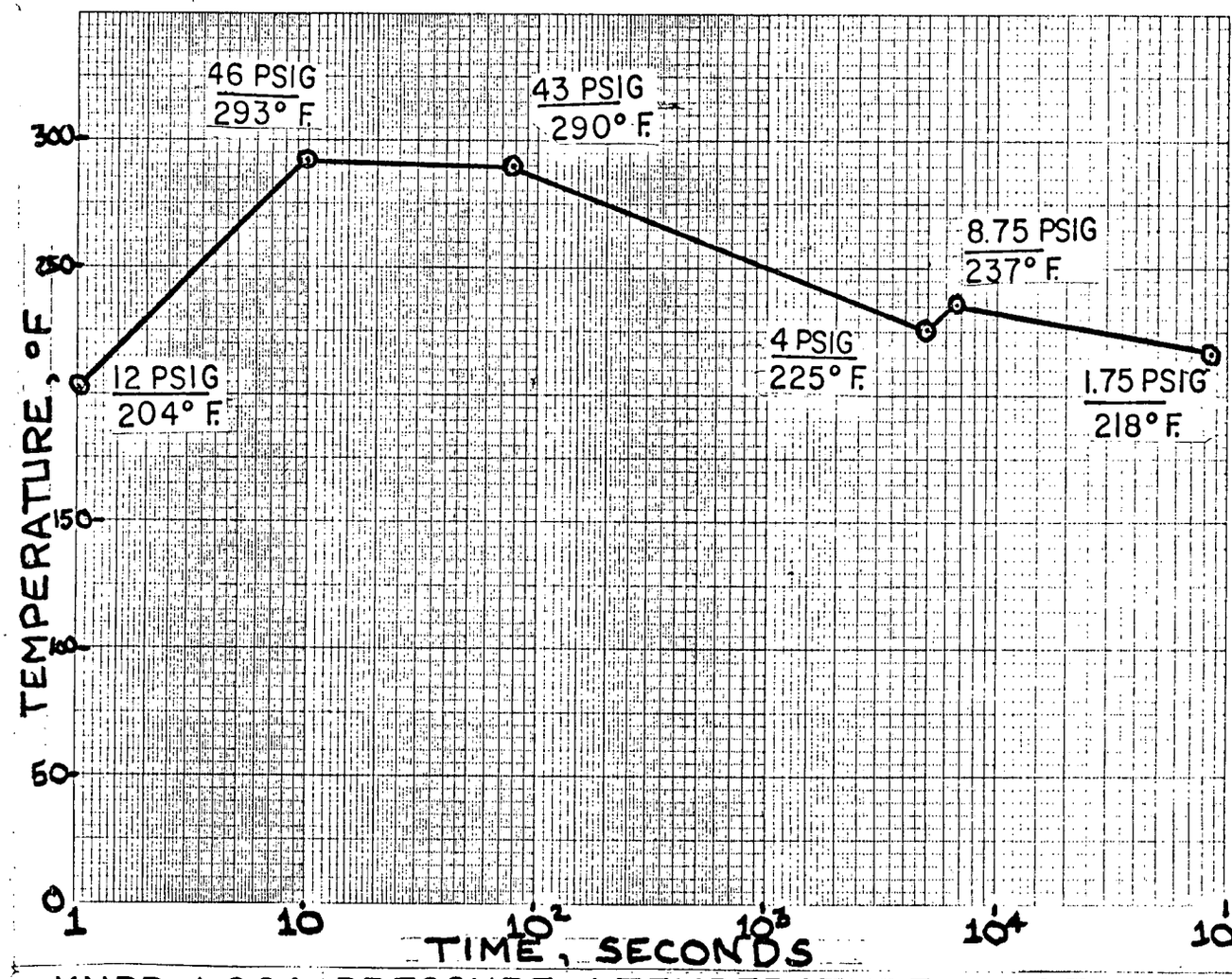
HARSH:

LOCA YES (T,P,H,CS,B,S)

NOTES:

A) FSAR SEC. 7.5 STATES THAT 3.6E6 RADS IS THE MAXIMUM HOURLY DOSE IN THE CONTAINMENT. FOR TWO HOURS THE DOSE IS <7.2E6 RADS.
B) TESTED TO 275°F. THE ATTACHED SATURATION TEMPERATURE PROFILE EXCEEDS TEST TEMPERATURE FOR LESS THAN 4 MINUTES.

16695
RHR



KNPP LOCA PRESSURE / TEMPERATURE PROFILE

SOURCE: FSAR FIG. 14.3-23 PLUS 9% MARGIN; SATURATION TEMPERATURE

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: RESIDUAL HEAT REMOVAL	OPERATIONAL TIME	2 HOURS	4 HOURS	35	79	SIMULT	NONE
PLANT ID NO: 16696	TEMPERATURE DEG. F.	293	275,NOTE B	1	79,NOTE B	NOTE B	NONE
COMPONENT: LEVEL INDICATOR/ ALARM	PRESSURE PSIA	60.7	114.7	2,3	79	SIMULT	NONE
MANUFACTURER: MAGNETROL (SCHAUB ENGR)							
MODEL NUMBER: A-153 FEEDH	RELATIVE HUMIDITY PCT	100%	100%	2	79	SIMULT	NONE
FUNCTION: RHR SUMP E LVL B-2 LA	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 8.8	4,5,118	79,123	ENGR ANALY	NONE
SERVICE: ALARM	RADIATION RADS	7.2E6 GAMMA (A) 2E6 BETA	1.3E8 GAMMA >2E6 BETA	8,78	80,101	TEST/ANALY	NONE
LOCATION: GRID 16.5/23/595 RX BLDG	AGING	40 YEARS	>>40 YEARS	8	158	ANALYSIS	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: NO	SUBMERGENCE	REQUIRED	YES	9	79	SEPARATE	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

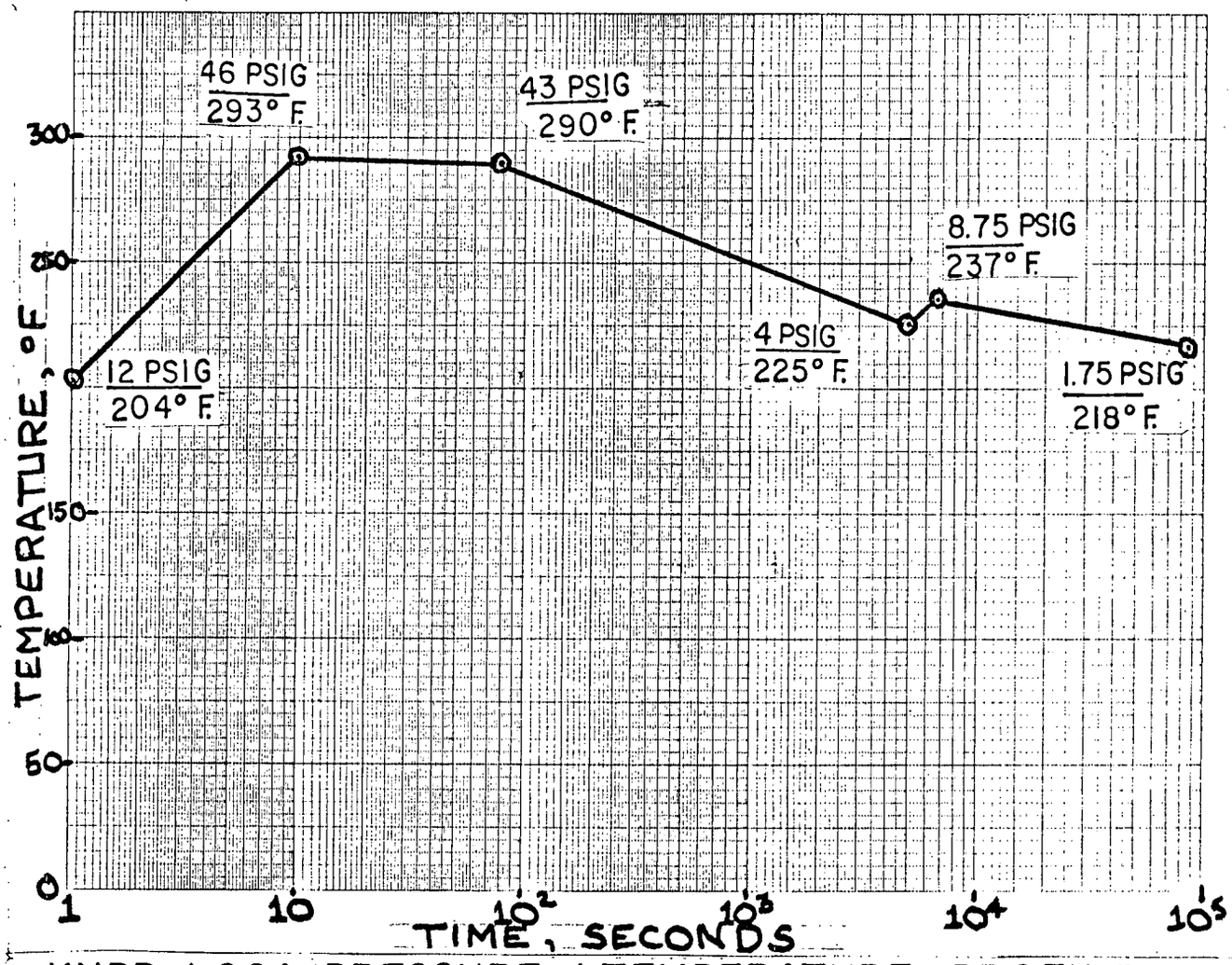
HARSH:

LOCA YES (T,P,H,CS,R,S)

NOTES:

A) FSAR. 7.5 STATES THAT <6E6 RADS IS MAX. HOURLY DOSE IN CONTAINMENT. FOR TWO HOURS, THE DOSE IS <7.2E6 RADS.
B) STUDY IN PROGRESS BY EDS NUCLEAR, INC.
B) TESTED TO 275°F. THE ATTACHED SATURATION TEMPERATURE PROFILE EXCEEDS TEST TEMPERATURE FOR LESS THAN 4 MINUTES.

16696
RHR



KNPP LOCA PRESSURE / TEMPERATURE PROFILE

SOURCE: FSAR FIG. 14.3-23 PLUS 9% MARGIN; SATURATION TEMPERATURE

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT	PRIMARY CONTAINMENT	INSIDE	SYSTEM
1	MARATHON	1-298	145T	MOTOR		NO	AUX. BLDG. VENT
2	MARATHON	1-299	1451	MOTOR		NO	AUX. BLDG. VENT

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

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REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. VENT	OPERATIONAL TIME	1 YEAR	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 1-298	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: MARATHON							
MODEL NUMBER: 145T	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RHR PUMP PIT FAN COIL UNIT 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: FAN DRIVER	RADIATION RADS	3E7	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: GRID K/6.7/568 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (R)

NOTES:

A) THIS MOTOR IS TO BE REPLACED WITH A QUALIFIED MODEL. THIS REPLACEMENT IS SCHEDULED FOR JUNE '82.

1-298
ABV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. VENT	OPERATIONAL TIME	1 YEAR	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 1-299	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: MARATHON							
MODEL NUMBER: 145T	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RHR PUMP PIT FAN COIL UNIT 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: FAN DRIVER	RADIATION RADS	3E7	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: GRID K/6.7/568 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

A) THIS MOTOR IS TO BE REPLACED WITH A QUALIFIED MODEL. THIS REPLACEMENT IS SCHEDULED FOR JUNE '82.

1-299
ABV

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT PRIMARY	INSIDE CONTAINMENT	SYSTEM
1	MCGRAW EDISON	1-024-52A-A	PSD	AUX CONTACT OF 4160V SWGR BUS 1-5	NO	ACTIVE STATUS PANEL
2	MCGRAW EDISON	1-031-52A-A	PSD	AUX CONTACT OF 4160V SWGR BUS 1-6	NO	ACTIVE STATUS PANEL
3	MCGRAW EDISON	1E-0027	PSD	4160V SWITCHGEAR	NO	4160V SUPPLY & DIST (EHV)
4	MCGRAW EDISON	1E-0028	PSD	4160V SWITCHGEAR	NO	4160V SUPPLY & DIST (EHV)

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL.	OUTSTANDING
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.	METHOD	ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-024-52A-A	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: AUX CONTACT OF 4160V SWGR BUS 1-5 MANUFACTURER: MCGRAW EDISON	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MODEL NUMBER: PSD	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: AUX FW PUMP 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: ADM BLDG D/G RM	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

4491C0205
ASP

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-031-52A-A	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: AUX CONTACT OF 4160V SWGR BUS 1-6	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: MCGRAW EDISON							
MODEL NUMBER: PSD	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: AUX FW PUMP 1E	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: ADM BLDG D/G RM	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

4491CC2C6
ASP

SYSTEM COMPONENT EVAIUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: 4160V SUPPLY & DIST (EHV)	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0027	TEMPERATUBE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: 4160V SWITCHGEAR	PRESSURE PSIA	13.7-15.7 13.7-15.7 HEIB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MANUFACTURER: MCGRAW EDISON							
MODEL NUMBER: PSD	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: 4160V SWGR BUS 1-5 POWER DISTRIBUTION	CHEMICAL SPRAY	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE NONE
SERVICE: SAFEGUARD 4160V POWER DISTRIBUTION	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 119	N/A N/A	N/A N/A	NONE
LOCATION: ADM BLDG D/G RM	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

1E-0027
4160V

SYSTEM COMPONENT EVAIUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: 4160V SUPPLY & DIST (EHV)	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0028	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: 4160V SWITCHGEAR	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MANUFACTURER: MCGRAW EDISON							
MODEL NUMBER: PSD	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: 4160V SWGR BUS 1-6 POWER DISTRIBUTION	CHEMICAL SPRAY	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE NONE
SERVICE: SAFEGUARD 4160V POWER DISTRIBUTION	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 119	N/A N/A	N/A N/A	NONE
LOCATION: ADM BLDG D/G BM	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT PRIMARY	INSIDE CONTAINMENT	SYSTEM
1	MERCOID	16073	DA 7021-804	PRESSURE SWITCH	NO	ACTIVE STATUS PANEL
2	MERCOID	16075	DA 7021-804	PRESSURE SWITCH	NO	ACTIVE STATUS PANEL

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 16073	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: PRESSURE SWITCH	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: MERCOID							
MODEL NUMBER: DA 7021-804	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: AUX FW PUMP 1A DISCH PS (LOW)	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID E.4/9.0/591 TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

4491CC2C5A
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 16075	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: PRESSURE SWITCH	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: MERCOID							
MODEL NUMBER: DA 7021-804	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: AUX FW PUMP 1B DISCH PS	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID F.4/9.0/591 TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NG

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

4491CC206A
ASP

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT PRIMARY	INSIDE CONTAINMENT	SYSTEM
1	NAMCO	31015-L	EA 170-12100 & 11100	LIMIT SWITCHES (2) ON VALVE OPERATOR	NO	EMERGENCY PROCEDURE
2	NAMCO	31016-L	EA 170-12100 & 11100	LIMIT SWITCHES (2) ON VALVE OPERATOR	NO	EMERGENCY PROCEDURE
3	NAMCO	31132-L	D-2400X	LIMIT SWITCH	NO	WASTE DISPOSAL
4	NAMCO	31132-L	D-2400X	LIMIT SWITCH	NO	ACTIVE STATUS PANEL
5	NAMCO	31133-L	D-2400X	LIMIT SWITCH	NO	WASTE DISPOSAL
6	NAMCO	31133-L	D-2400X	LIMIT SWITCH	NO	ACTIVE STATUS PANEL
7	NAMCO	31134-L	D-2400X	LIMIT SWITCH	NO	WASTE DISPOSAL
8	NAMCO	31134-L	D-2400X	LIMIT SWITCH	NO	ACTIVE STATUS PANEL
9	NAMCO	31135-L	D-2400X	LIMIT SWITCH	NO	WASTE DISPOSAL
10	NAMCO	31135-L	D-2400X	LIMIT SWITCH	NO	ACTIVE STATUS PANEL
11	NAMCO	31136-L	D-2400X	LIMIT SWITCH	NO	WASTE DISPOSAL
12	NAMCO	31136-L	D-2400X	LIMIT SWITCH	NO	ACTIVE STATUS PANEL
13	NAMCO	31137-L	D-2400X	LIMIT SWITCH	NO	WASTE DISPOSAL
14	NAMCO	31137-L	D-2400X	LIMIT SWITCH	NO	ACTIVE STATUS PANEL
15	NAMCO	31216-L	D-2400X	LIMIT SWITCH	NO	WASTE DISPOSAL
16	NAMCO	31216-L	D-2400X	LIMIT SWITCH	NO	ACTIVE STATUS PANEL
17	NAMCO	31217-L	D-2400X	LIMIT SWITCH	NO	WASTE DISPOSAL
18	NAMCO	31217-L	D-2400X	LIMIT SWITCH	NO	ACTIVE STATUS PANEL
19	NAMCO	31231-L	EA-180	LIMIT SWITCH	YES	CHEMICAL & VOL. CONTROL
20	NAMCO	31231-L	EA 180	LIMIT SWITCH	YES	ACTIVE STATUS PANEL

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT PRIMARY	INSIDE CONTAINMENT	SYSTEM
21	NAMCO	31232-L	EA-180	LIMIT SWITCH	YES	CHEMICAL & VOL. CONTROL
22	NAMCO	31232-L	EA 180	LIMIT SWITCH	YES	ACTIVE STATUS PANEL
23	NAMCO	31233-L	EA-180	LIMIT SWITCH	YES	CHEMICAL & VOL. CONTROL
24	NAMCO	31233-L	EA 180	LIMIT SWITCH	YES	ACTIVE STATUS PANEL
25	NAMCO	31234-L	D-2400X	LIMIT SWITCH	NO	CHEMICAL & VOL. CONTROL
26	NAMCO	31234-L	D-2400X	LIMIT SWITCH	NO	ACTIVE STATUS PANEL
27	NAMCO	31253-L	D-2400X	POSITION SWITCH ON CONTROL VALVE	NO	SAFETY INJECTION
28	NAMCO	31253-L	D-2400X	LIMIT SWITCH	NO	ACTIVE STATUS PANEL
29	NAMCO	31259-L	D-2400X	LIMIT SWITCH	NO	REACTOR COOLANT
30	NAMCO	31259-L	D-2400X	LIMIT SWITCH	NO	ACTIVE STATUS PANEL
31	NAMCO	31260-L	D-2400X	LIMIT SWITCH	NO	REACTOR COOLANT
32	NAMCO	31260-L	D-2400X	LIMIT SWITCH	NO	ACTIVE STATUS PANEL
33	NAMCO	31261-L	D-2400X	LIMIT SWITCH	NO	REACTOR COOLANT
34	NAMCO	31261-L	D-2400X	LIMIT SWITCH	NO	ACTIVE STATUS PANEL
35	NAMCO	31263-L #	EA 180	LIMIT SWITCH	YES	PRIMARY SAMPLING
36	NAMCO	31264-L #	EA 180	LIMIT SWITCH	YES	PRIMARY SAMPLING
37	NAMCO	31267-L #	D-2400X	LIMIT SWITCHES (2) ON PRZR SAMPLE STOP CV	NO	PRIMARY SAMPLING
38	NAMCO	31268-L #	D-2400X	LIMIT SWITCHES (2) ON PRZR LIQUID SAMPLE STOP CV	NO	PRIMARY SAMPLING

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT PRIMARY	INSIDE CONTAINMENT	SYSTEM
39	NAMCO	31269-L	D-2400X	LIMIT SWITCHES (2) ON BC HOT LEG SAMPLE STOP CV	NO	EMERGENCY PROCEDURE
40	NAMCO	31270-L @	EA-180	LIMIT SWITCH	YES	SECONDARY SAMP.
41	NAMCO	31271-L	D-2400X	LIMIT SWITCH	NO	SECONDARY SAMP.
42	NAMCO	31271-L	D-2400X	LIMIT SWITCH	NO	ACTIVE STATUS PANEL
43	NAMCO	31272-L	D-2400X	LIMIT SWITCH	NO	INTERNAL CONTAINMENT SPRAY
44	NAMCO	31272-L	D-2400X-2	POSITION SWITCH ON CONTROL VALVE	NO	ACTIVE STATUS PANEL
45	NAMCO	31273-L	D-2400X	LIMIT SWITCH	NO	INTERNAL CONTAINMENT SPRAY
46	NAMCO	31273-L	D-2400X-2	POSITION SWITCH ON VALVE	NO	ACTIVE STATUS PANEL
47	NAMCO	31298-L	D-2400X	LIMIT SWITCH	NO	REACTOR COOLANT
48	NAMCO	31298-L	D-2400X	LIMIT SWITCH	NO	ACTIVE STATUS PANEL
49	NAMCO	31309-L #	D-2400X-2	POSITION SWITCHES (2) ON VALVE	NO	ACTIVE STATUS PANEL
50	NAMCO	31334-L @	EA-180	LIMIT SWITCH	YES	SECONDARY SAMP.
51	NAMCO	31335-L	D-2400X	LIMIT SWITCH ON VALVE OPERATOR	NO	SECONDARY SAMP.
52	NAMCO	31335-L	D-2400X	LIMIT SWITCH ON VALVE OPERATOR	NO	ACTIVE STATUS PANEL
53	NAMCO	31383-L #	D-2400X	LIMIT SWITCHES (2) ON CNTMT AIR SAMPLE INLET ISOL 1A CV	NO	REACTOR BUILDING VENTILATION
54	NAMCO	31384-L #	D-2400X	LIMIT SWITCHES (2) ON CNTMT AIR SAMPLE INLET ISOL 1B CV	NO	REACTOR BUILDING VENTILATION

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT PRIMARY	INSIDE CONTAINMENT	SYSTEM
55	NAMCO	31385-L #	D-2400X	LIMIT SWITCHES (2) ON CNTMT AIR SAMPLE DISC ISOL 1B CV	NO	REACTOR BUILDING VENTILATION
56	NAMCO	31393-A	D-2400X	LIMIT SWITCH	NO	ACTIVE STATUS PANEL
57	NAMCO	31393-I	D-2400X	LIMIT SWITCH	NO	INTERNAL CONTAINMENT SPRAY
58	NAMCO	31394-L @	D-2400X	LIMIT SWITCH	NO	INTERNAL CONTAINMENT SPRAY
59	NAMCO	31406-I	D-2400X & D-2400X-5B	LIMIT SWITCHES (2) ON VALVE POSITIONS	NO	EMERGENCY PROCEDURE
60	NAMCO	31407-L	D-2400X & D-2400X-5B	LIMIT SWITCHES (2) ON VALVE POSITIONS	NO	EMERGENCY PROCEDURE

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: EMERGENCY PROCEDURE	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	SEPARATE	NONE
PLANT ID NO: 31015-L	TEMPERATURE DEG. F.	130	200	37,39	88	SEPARATE	NONE
COMPONENT: LIMIT SWITCHES (2) ON VALVE OPERATOR MANUFACTURER: NAMCO	PRESSURE PSIA	13.7-15.7	N/A	37,39	N/A	N/A	NONE
MODEL NUMBER: EA 170-12100 & 11100	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39	N/A	N/A	NONE
FUNCTION: MN STM HDR 1A ISOL VALVE	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	1.2E5	2E8	41	88	SEPARATE	NONE
LOCATION: GRID M.5/5.1/622 AUX BLDG	AGING	40 YEARS	NOTE A	41	NOTE A	SEPARATE	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (T,B)

NOTES:
A) THIS LIMIT SWITCH IS FOR CONTROL ROOM INDICATION ONLY.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: EMERGENCY PROCEDURE	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	SEPARATE	NONE
PLANT ID NO: 31016-L	TEMPERATURE DEG. F.	60-104	200	37,38	88	SEPARATE	NONE
COMPONENT: LIMIT SWITCHES (2) ON VALVE OPERATOR MANUFACTURER: NAMCO	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MODEL NUMBER: EA 170-12100 & 11100	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38	N/A	N/A	NONE
FUNCTION: MN STM HDR 1B ISOL VALVE	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	1.2E5	2E8	41	88	SEPARATE	NONE
LOCATION: GRID H.0/4.2/620 AUX BLDG	AGING	40 YEARS	NOTE A	8	NOTE A	SEPARATE	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:
A) THIS LIMIT SWITCH IS FOR CONTROL ROOM INDICATION ONLY.

UNIT: KEWAUNEE

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: WASTE DISPOSAI	OPERATIONAL TIME	30 DAYS	13 YEARS	35	125	E.A.	NONE
PLANT ID NO: 31132-L	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: D-2400X	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CNTMT ISOL RC DRN TNK VENT CV 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL	RADIATION RADS	1.2E5	6E6	41	125	E.A.	NONE
LOCATION: GRID H.5/4.5/608 AUX BLDG SV ZONE	AGING	40 YEARS	13 YRS,NOTE A	8	125	E.A.	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (R)

NOTES:

E.A. = ENGINEERING ANALYSIS
A) THIS LIMIT SWITCH WILL BE ADDED TO OUR PMP TO RENEW THE MOST LIMITING NON-METALLIC COMPONENT PRIOR TO THE END OF ITS USEFUL LIFE.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	30 DAYS	13 YEARS	35	125	E.A.	NONE
PLANT ID NO: 31132-L	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: D-2400X	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RC DR VENT MG (R) 509	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	1.2E5	6E6	41	125	E.A.	NONE
LOCATION: GRID H.5/4.5/608 AUX BLDG SV ZONE	AGING	40 YEARS	13 YRS,NOTE A	8	125	E.A.	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

E.A. = ENGINEERING ANALYSIS
A) THIS LIMIT SWITCH WILL BE ADDED TO OUR PMP TO RENEW THE MOST LIMITING NON-METALLIC COMPONENT PRIOR TO THE END OF ITS USEFUL LIFE.

4491100803
ASP

UNIT: KEWAUNEE

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: WASTE DISPOSAL	OPERATIONAL TIME	30 DAYS	13 YEARS	35	125	E.A.	NONE
PLANT ID NO: 31133-L	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: D-2400X	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CNTMT ISOL RC DRN TNK VENT CV 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL	RADIATION RADS	1.2E5	6E6	41	125	E.A.	NONE
LOCATION: GRID H.4/4.5/608 AUX BLDG SV ZONE	AGING	40 YEARS	13 YRS,NOTE A	8	125	E.A.	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (B)

NOTES:

E.A. = ENGINEERING ANALYSIS
A) THIS LIMIT SWITCH WILL BE ADDED TO CUR PMP TO RENEW THE MOST LIMITING NON-METALLIC COMPONENT PRIOR TO THE END OF ITS USEFUL LIFE.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	30 DAYS	13 YEARS	35	125	E.A.	NONE
PLANT ID NO: 31133-L	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: D-2400X	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RC DR VENT MG (R) 510	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	1.2E5	6E6	41	125	E.A.	NONE
LOCATION: GRID H.4/4.5/608 AUX BLDG SV ZONE	AGING	40 YEARS	13 YRS,NOTE A	8	125	E.A.	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (R)

NOTES:

E.A. = ENGINEERING ANALYSIS
A) THIS LIMIT SWITCH WILL BE ADDED TO CUR PRP TO RENEW THE MOST LIMITING NON-METALLIC COMPONENT PRIOR TO THE END OF ITS USEFUL LIFE.

449110804
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: WASTE DISPOSAL	OPERATIONAL TIME	30 DAYS	13 YEARS	35	125	E.A.	NONE
PLANT ID NO: 31134-L	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: D-2400X	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CNTMT ISOL RC DRN PMPS DSCH HDR CV 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL	RADIATION RADS	1.2E5	6E6	41	125	E.A.	NONE
LOCATION: GRID H.4/4.0/611 AUX BLDG SV ZONE	AGING	40 YEARS	13 YRS,NOTE A	8	125	E.A.	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (R)

NOTES:

E.A. = ENGINEERING ANALYSIS
A) THIS LIMIT SWITCH WILL BE ADDED TO CUR PMP TO RENEW THE MOST LIMITING NON-METALLIC COMPONENT PRIOR TO THE END OF ITS USEFUL LIFE.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	30 DAYS	13 YEARS	35	125	E.A.	NONE
PLANT ID NO: 31134-L	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: D-2400X	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RC DR EMPS VLV RC 507	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	1.2E5	6E6	41	125	E.A.	NONE
LOCATION: GRID H.4/4/611 AUX BLDG SV ZONE	AGING	40 YEARS	13 YRS,NOTE A	8	125	E.A.	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (B)

NOTES:

E.A. = ENGINEERING ANALYSIS
A) THIS LIMIT SWITCH WILL BE ADDED TO CUB PMP TO RENEW THE MOST LIMITING NON-METALLIC COMPONENT PRIOR TO THE END OF ITS USEFUL LIFE.

4491100901
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: WASTE DISPOSAL	OPERATIONAL TIME	30 DAYS	13 YEARS	35	125	E.A.	NONE
PLANT ID NO: 31135-L	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: D-2400X	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CNTMT ISOL EC DRN EMPS DSCH HDR CV 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL	RADIATION RADS	1.2E5	6E6	41	125	E.A.	NONE
LOCATION: GRID H.4/4.6/611 AUX BLDG SV ZONE	AGING	40 YEARS	13 YRS,NOTE A	8	125	E.A.	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:
E.A. = ENGINEERING ANALYSIS
A) THIS LIMIT SWITCH WILL BE ADDED TO OUR PMP TO RENEW THE MOST LIMITING NON-METALLIC COMPONENT PRIOR TO THE END OF ITS USEFUL LIFE.

31135-L
WD-LIC

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	30 DAYS	13 YEARS	35	125	E.A.	NONE
PLANT ID NO: 31135-L	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: D-2400X	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CRC DR PMPS VLV RC 507	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	1.2E5	6E6	41	125	E.A.	NONE
LOCATION: GRID H.4/4.6/611 AUX BLDG SV ZONE	AGING	40 YEARS	13 YRS,NOTE A	8	125	E.A.	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:
E.A. = ENGINEERING ANALYSIS
A) THIS LIMIT SWITCH WILL BE ADDED TO OUR PMP TO RENEW THE MOST LIMITING NON-METALLIC COMPONENT PRIOR TO THE END OF ITS USEFUL LIFE.

449110902
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: WASTE DISPOSAL	OPERATIONAL TIME	30 DAYS	13 YEARS	35	125	E.A.	NONE
PLANT ID NO: 31136-L	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: D-2400X	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CNTMT ISOL CNTMT SUMP PMPS DSN HDR ISOL SV 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL	RADIATION RADS	1.2E5	6E6	41	125	E.A.	NONE
LOCATION: GRID H.5/4.4/608 AUX BLDG SV ZONE	AGING	40 YEARS	13 YRS,NOTE A	8	125	E.A.	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

E.A. = ENGINEERING ANALYSIS
A) THIS LIMIT SWITCH WILL BE ADDED TO CUB PMP TO RENEW THE MOST LIMITING NON-METALLIC COMPONENT PRIOR TO THE END OF ITS USEFUL LIFE.

31136-L
WD-LIQ

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	30 DAYS	13 YEARS	35	125	E.A.	NONE
PLANT ID NO: 31136-L	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: E-2400X	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CNTMT SMP PMPS MD (R) 134	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	1.2E5	6E6	41	125	E.A.	NONE
LOCATION: GRID H.5/4.4/603 AUX BLDG SV ZONE	AGING	40 YEARS	13 YRS,NOTE A	8	125	E.A.	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:
E.A. = ENGINEERING ANALYSIS
A) THIS LIMIT SWITCH WILL BE ADDED TO OUR PMP TO RENEW THE MOST LIMITING NON-METALLIC COMPONENT PRIOR TO THE END OF ITS USEFUL LIFE.

449110903
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: WASTE DISPOSAL	OPERATIONAL TIME	30 DAYS	13 YEARS	35	125	E.A.	NONE
PLANT ID NO: 31137-L	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: D-2400X	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CNTMT ISOL CNTMT SUMP PMPS DRN HDR ISOL SV 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL	RADIATION RADS	1.2E5	6E6	41	125	E.A.	NONE
LOCATION: GRID H.4/4.4/608 AUX BLDG SV ZONE	AGING	40 YEARS	13 YRS, NOTE A	8	125	E.A.	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

E.A. = ENGINEERING ANALYSIS
A) THIS LIMIT SWITCH WILL BE ADDED TO OUR PMP TO BE NEW THE MOST LIMITING NON-METALLIC COMPONENT PRIOR TO THE END OF ITS USEFUL LIFE.

31137-L
WD-LIC

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	30 DAYS	13 YEARS	35	125	E.A.	NONE
PLANT ID NO: 31137-L	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: D-2400X	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CNTMT SMP PMPS MD (B) 135	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	1.2E5	6E6	41	125	E.A.	NONE
LOCATION: GRID H.4/4.4/603 AUX BLDG SW ZONE	AGING	40 YEARS	13 YRS,NOTE A	8	125	E.A.	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (B)

NOTES:

E.A. = ENGINEERING ANALYSIS
A) THIS LIMIT SWITCH WILL BE ADDED TO CUR PRP TO RENEW THE MOST LIMITING NON-METALLIC COMPONENT PRIOR TO THE END OF ITS USEFUL LIFE.

449110904
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: WASTE DISPOSAL	OPERATIONAL TIME	30 DAYS	13 YEARS	35	125	E.A.	NONE
PLANT ID NO: 31216-L	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: E-2400X	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CNTMT ISOL BC DRN TNK TO GAS ANZR CV 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL	RADIATION RADS	1.2E5	6E6	41	125	E.A.	NONE
LOCATION: GRID H.7/4.6/611 AUX BLDG SV ZONE	AGING	40 YEARS	13 YRS,NOTE A	8	125	E.A.	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

E.A. = ENGINEERING ANALYSIS
A) THIS LIMIT SWITCH WILL BE ADDED TO OUR PRP TO RENEW THE MOST LIMITING NON-METALLIC COMPONENT PRIOR TO THE END OF ITS USEFUL LIFE.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	30 DAYS	13 YEARS	35	125	E.A.	NONE
PLANT ID NO: 31216-L	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: D-2400X	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RC DR TNK MG (R) 503	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	1.2E5	6E6	41	125	E.A.	NONE
LOCATION: GRID H.7/4.6/611 AUX BLDG SV ZONE	AGING	40 YEARS	13 YRS,NOTE A	8	125	E.A.	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (R)

NOTES:

E.A. = ENGINEERING ANALYSIS
A) THIS LIMIT SWITCH WILL BE ADDED TO OUR PMP TO REPLACE THE MOST LIMITING NON-METALLIC COMPONENT PRIOR TO THE END OF ITS USEFUL LIFE.

4491108O1
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: WASTE DISPOSAL	OPERATIONAL TIME	30 DAYS	13 YEARS	35	125	E.A.	NONE
PLANT ID NO: 31217-L	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: D-2400X	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CNTMT ISOL EC DRN TNK TO GAS ANZR CV 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL	RADIATION RADS	1.2E5	6E6	41	125	E.A.	NONE
LOCATION: GRID H.6/4.6/611 AUX BLDG SV ZONE	AGING	40 YEARS	13 YRS,NOTE A	8	125	E.A.	NONE
FLOOD LEVEL ELEV: N/A AEGVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (B)

NOTES:

E.A. = ENGINEERING ANALYSIS
A) THIS LIMIT SWITCH WILL BE ADDED TO OUR PEP TO RENEW THE MOST LIMITING NON-METALLIC COMPONENT PRIOR TO THE END OF ITS USEFUL LIFE.

31217-L
WD-LIQ

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	30 DAYS	13 YEARS	35	125	E.A.	NONE
PLANT ID NO: 31217-L	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: D-2400X	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RC DR TNK MG (R) 504	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	1.2E5	6E6	41	125	E.A.	NONE
LOCATION: GRID H.6/4.6/611 AUX BLDG SV ZONE	AGING	40 YEARS	13 YRS,NOTE A	8	125	E.A.	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:

LOCA YES (R)

NOTES:

E.A. = ENGINEERING ANALYSIS
A) THIS LIMIT SWITCH WILL BE ADDED TO OUR EEP TO RENEW THE MOST LIMITING NON-METALLIC COMPONENT PRIOR TO THE END OF ITS USEFUL LIFE.

449110802
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: CHEMICAL & VCL. CONTROL	OPERATIONAL TIME	30 DAYS	30 DAYS	35	50	TYPE TEST	NONE
PLANT ID NO: 31231-L	TEMPERATURE DEG. F.	293	340	1	50	TYPE TEST	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	60.7	84.7	2,3	50	TYPE TEST	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: EA-180	RELATIVE HUMIDITY PCT	100%	100%	2	50	TYPE TEST	NONE
FUNCTION: CONTAINMENT ISOLATION VALVE	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	50	TYPE TEST	NONE
SERVICE: CONTROL	RADIATION RADS	5E7 GAMMA 2E6 BETA	2.04E8 GAMMA >2E6 BETA	2,6,7,8	50,101	TEST/ANALY	NONE
LOCATION: RX BLDG	AGING	40 YEARS	5 YEARS	8	E.A.	E.A.	NONE
FLOOD LEVEL ELEV: 600' ABOVE FLOOD LEVEL: NO	SUBMERGENCE	REQUIRED	NOTE A	9	NOTE A	NOTE A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,R,S)

NOTES:

E.A. = ENGINEERING ANALYSIS
A) CONAX FITTINGS TO SEAL THE SWITCH WILL BE INSTALLED DURING THE FIRST OUTAGE OF SUFFICIENT DURATION AFTER RECEIPT OF EQUIPMENT.

31231-L
CVC

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	30 DAYS	30 DAYS	35	50	TYPE TEST	NONE
PLANT ID NO: 31231-L	TEMPERATURE DEG. F.	293	340	1	50	TYPE TEST	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	60.7	84.7	2,3	50	TYPE TEST	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: EA 180	RELATIVE HUMIDITY PCT	100%	100%	2	50	TYPE TEST	NONE
FUNCTION: IDN ORIF 1A CV CL	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	50	TYPE TEST	NONE
SERVICE: CONTROL RCOM ANNUNCIATION	RADIATION RADS	5E7 GAMMA 2E6 BETA	2.04E8 GAMMA >2E6 BETA	2,6,7,8	50,101	TEST/ANALY	NONE
LOCATION: GRID 7/320/596 RX BLDG	AGING	40 YEARS	5 YEARS	8	E.A.	E.A.	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: NO	SUBMERGENCE	REQUIRED	NOTE A	9	NOTE A	NOTE A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,R,S)

NOTES:

E.A. = ENGINEERING ANALYSIS
A) CONAX FITTINGS TO SEAL THE SWITCH WILL BE INSTALLED DURING THE FIRST OUTAGE OF SUFFICIENT DURATION AFTER RECEIPT OF EQUIPMENT.

449110601
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: CHEMICAL & VOL. CONTROL	OPERATIONAL TIME	30 DAYS	30 DAYS	35	50	TYPE TEST	NONE
PLANT ID NO: 31232-L	TEMPERATURE DEG. F.	293	340	1	50	TYPE TEST	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	60.7	84.7	2,3	50	TYPE TEST	NONE
MANUFACTURER: NAMCO	RELATIVE HUMIDITY PCT	100%	100%	2	50	TYPE TEST	NONE
MODEL NUMBER: EA-180	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	50	TYPE TEST	NONE
FUNCTION: CONTAINMENT ISOLATION VALVE	RADIATION RADS	5E7 GAMMA 2E6 BETA	2.04E8 GAMMA >2E6 BETA	2,6,7,8	50,101	TEST/ANALY	NONE
SERVICE: CONTROL	AGING	40 YEARS	5 YEARS	2	E.A.	E.A.	NONE
LOCATION: RX BLDG	SUBMERGENCE	REQUIRED	NOTE A	9	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: 600' ABOVE FLOOD LEVEL: NO							

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,B,S)

NOTES:

E.A. = ENGINEERING ANALYSIS
A) CONAX FITTINGS TO SEAL THE SWITCH WILL BE INSTALLED DURING THE FIRST OUTAGE OF SUFFICIENT DURATION AFTER RECEIPT OF EQUIPMENT.

31232-L
CVC

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	30 DAYS	30 DAYS	35	50	TYPE TEST	NONE
PLANT ID NO: 31232-L	TEMPERATURE DEG. F.	293	340	1	50	TYPE TEST	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	60.7	84.7	2,3	50	TYPE TEST	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: EA 180	RELATIVE HUMIDITY PCT	100%	100%	2	50	TYPE TEST	NONE
FUNCTION: LDN ORIF 1E CV CL	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	50	TYPE TEST	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	5E7 GAMMA 2E6 BETA	2.04E8 GAMMA >2E6 BETA	2,6,7,8	50,101	TEST/ANALY	NONE
LOCATION: GRID 9/320/596 RX BLDG	AGING	40 YEARS	5 YEARS	8	E.A.	E.A.	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: NO	SUBMERGENCE	REQUIRED	NOTE A	9	50	TYPE TEST	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,R,S)

NOTES:

E.A. = ENGINEERING ANALYSIS
A) CONAX FITTINGS TO SEAL THE SWITCH WILL BE INSTALLED DURING THE FIRST OUTAGE OF SUFFICIENT DURATION AFTER RECEIPT OF EQUIPMENT.

449110602
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: CHEMICAL & VOL. CONTROL	OPERATIONAL TIME	30 DAYS	30 DAYS	35	50	TYPE TEST	NONE
PLANT ID NO: 31233-L	TEMPERATURE DEG. F.	293	340	1	50	TYPE TEST	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	60.7	84.7	2,3	50	TYPE TEST	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: EA-180	RELATIVE HUMIDITY PCT	100%	100%	2	50	TYPE TEST	NONE
FUNCTION: CONTAINMENT ISOLATION VALVE	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	50	TYPE TEST	NONE
SERVICE: CONTROL	RADIATION RADS	5E7 GAMMA 2E6 BETA	2.04E8 GAMMA >2E6 BETA	2,6,7,8	50,101	TEST/ANALY	NONE
LOCATION: RX BLDG	AGING	40 YEARS	5 YEARS	8	50	E.A.	NONE
FLOOD LEVEL ELEV: 600' ABOVE FLOOD LEVEL: NO	SUBMERGENCE	REQUIRED	NOTE A	NOTE B	NOTE A	NOTE A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

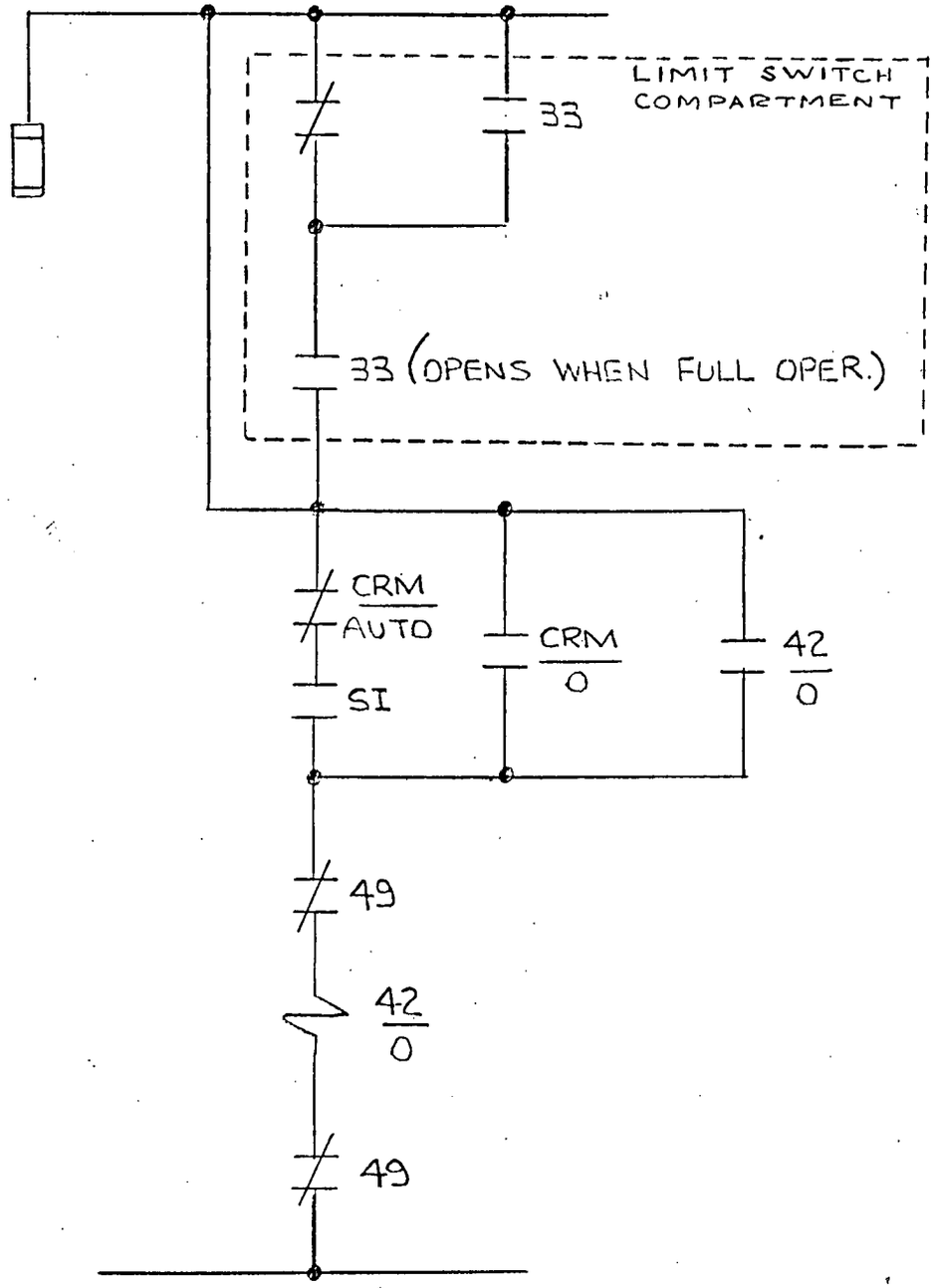
HARSH:

LOCA YES (T,P,H,CS,B,S)

NOTES:

E.A. = ENGINEERING ANALYSIS
A) CONAX FITTINGS TO SEAL SWITCH WILL BE INSTALLED DURING FIRST OUTAGE OF SUFFICIENT DURATION AFTER RECEIPT OF EQUIP.
B) IF AN ADVERSE ENVIRONMENT RENDERS THE SWITCH INOPERABLE (I.E. SUBMERGENCE SHORTS THE SWITCH) THE ASSOCIATED CONTROL VALVE WILL FALL CLOSED AND REMAIN IN THAT POSITION DUE TO THE LOCK-IN FEATURE SHOWN ON THE ATTACHED SCHEMATIC.

31233-L
CVC



PLANT ID No. 31233

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	30 DAYS	30 DAYS	35	50	TYPE TEST	NONE
PLANT ID NO: 31233-L	TEMPERATURE DEG. F.	293	340	1	50	TYPE TEST	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	60.7	84.7	2,3	50	TYPE TEST	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: EA 180	RELATIVE HUMIDITY PCT	100%	100%	2	50	TYPE TEST	NONE
FUNCTION: LDN ORIF 1C CV CL	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	50	TYPE TEST	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	5E7 GAMMA 2E6 BETA	2.04E8 GAMMA >2E6 BETA	2,6,7,8	50,101	TEST/ANALY	NONE
LOCATION: GRID 11/320/596 RX BLDG	AGING	40 YEARS	5 YEARS	8	50	E.A.	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: NO	SUBMERGENCE	REQUIRED	NOTE A	NOTE B	NOTE A	NOTE A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

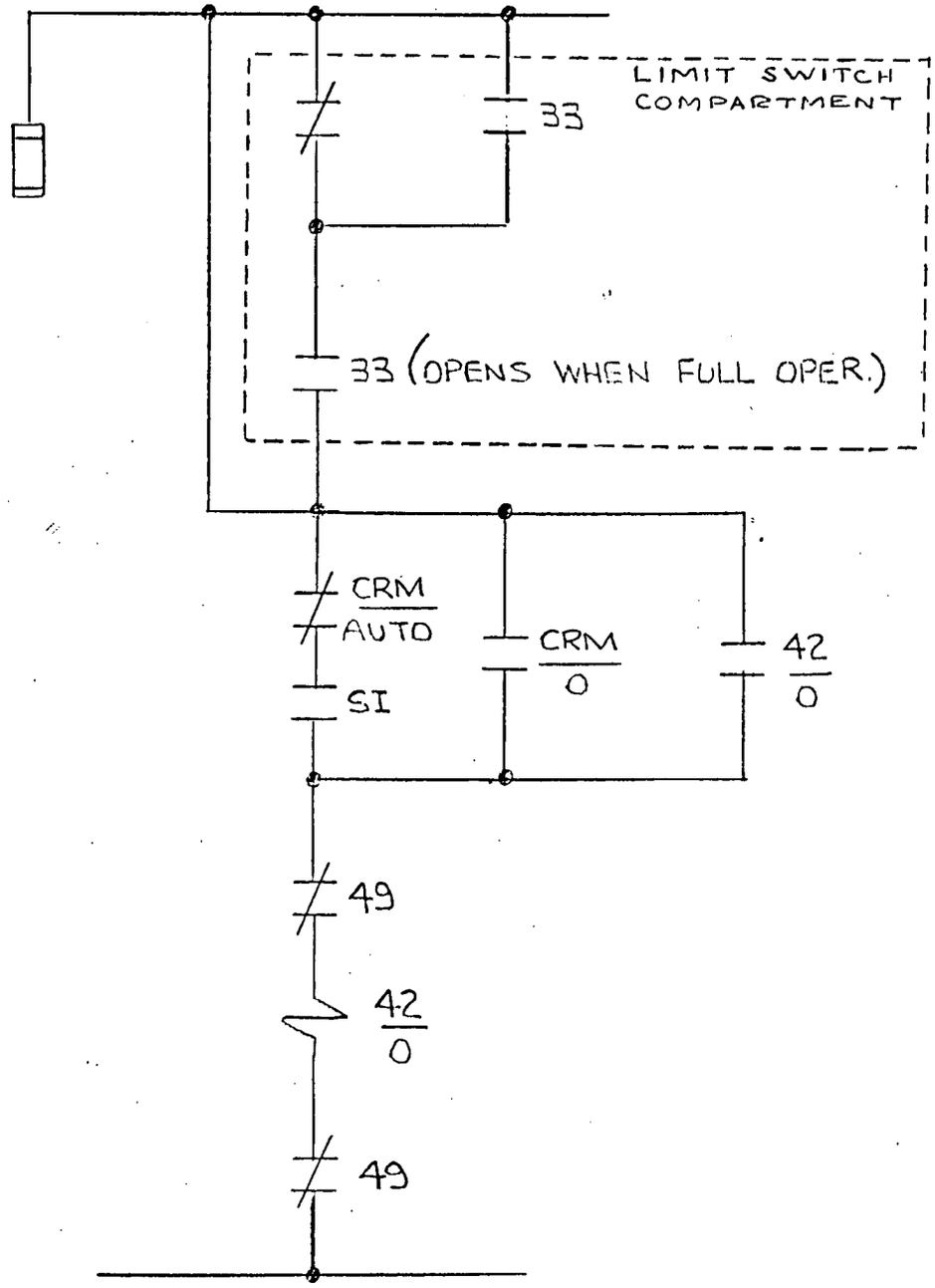
HARSH:

LOCA YES (T,P,H,CS,B)

NOTES:

E.A. = ENGINEERING ANALYSIS
A) CONAX FITTINGS TO SEAL SWITCH WILL BE INSTALLED DURING FIRST OUTAGE OF SUFFICIENT DURATION AFTER RECEIPT OF EQUIP.
B) IF AN ADVERSE ENVIRONMENT RENDERS THE SWITCH INOPERABLE (I.E. SUBMERGENCE SHORTS THE SWITCH) THE ASSOCIATED CONTROL VALVE WILL FAIL CLOSED AND REMAIN IN THAT POSITION DUE TO THE LOCK-IN FEATURE SHOWN ON THE ATTACHED SCHEMATIC.

449110603
ASP



PLANT ID No. 31233

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: CHEMICAL & VOL. CONTROL	OPERATIONAL TIME	30 DAYS	13 YEARS	35	125	E.A.	NONE
PLANT ID NO: 31234-L	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: D-2400X	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CONTAINMENT ISOLATION VALVE	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL	RADIATION RADS	1.6E7	6E6,NOTE B	41	125	E.A.	NONE
LOCATION: GRID J.7/5.9/621 AUX BLDG SV ZONE	AGING	40 YEARS	NOTE A	8	125	E.A.	NONE
FLOOD LEVEL ELEV: N/A' ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (B)

NOTES:
E.A. = ENGINEERING ANALYSIS
A) THIS LIMIT SWITCH WILL BE REPLACED PRIOR TO JUNE 30, 1982 (P.O. 44057).

31234-L
CVC

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	30 DAYS	13 YEARS	35	125	E.A.	NONE
PLANT ID NO: 31234-L	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: D-2400X	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: LDN FLOW TO LDN HX CV CL	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	1.6E7	6E6,NOTE B	41	125	E.A.	NONE
LOCATION: GRID J.7/5.9/621 AUX BLDG SV ZONE	AGING	40 YEARS	13 YRS,NOTE A	8	125	E.A.	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (B)

NOTES:

E.A. = ENGINEERING ANALYSIS
A) THIS LIMIT SWITCH WILL BE ADDED TO OUR PEP TO RENEW THE MOST LIMITING NON-METALLIC COMPONENT PRIOR TO THE END OF ITS USEFUL LIFE.
B) IF THE LIMIT SWITCH SHOULD FAIL DUE TO RADIATION, ITS FAILURE WOULD HAVE NO ADVERSE EFFECT UPON CV31234 AND THE CV31234 WOULD FUNCTION AS DESIGNED.

8409110503
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: SAFETY INJECTION	OPERATIONAL TIME	30 DAYS	13 YEARS	35	125	E.A.	NONE
PLANT ID NO: 31253-L	TEMPERATURE DEG. F.	115	N/A	37,39	60	N/A	NONE
COMPONENT: POSITION SWITCH ON CONTROL VALVE MANUFACTURER: NAMCO	PRESSURE PSIA	13.7-15.7	N/A	37,39	N/A	N/A	NONE
MODEL NUMBER: D-2400X	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,43	N/A	N/A	NONE
FUNCTION: CONTAINMENT ISOL. VALVE	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL	RADIATION RADS	1.2E5	6E6	41	125	E.A.	NONE
LOCATION: GRID JJW.3/2.7/630 AUX BLDG	AGING	40 YEARS	13 YRS,NOTE A	8	125	E.A.	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:

LOCA YES (T,R)

NOTES:

E.A. = ENGINEERING ANALYSIS
A) THIS LIMIT SWITCH WILL BE ADDED TO CUR PMP TO RENEW THE MOST LIMITING NON-METALLIC COMPONENT PRIOR TO THE END OF ITS USEFUL LIFE.

31253-L
SI

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	30 DAYS	13 YEARS	35	125	E.A.	NONE
PLANT ID NO: 31253-L	TEMPERATURE DEG. F.	115	N/A	37,39	N/A	N/A	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,39	N/A	N/A	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: D-2400X	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,43	N/A	N/A	NONE
FUNCTION: ACMTRS NZ SELY ISOL CV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	1.2E5	6E6	41	125	E.A.	NONE
LOCATION: GRID JWW.3/2.7/630 AUX BLDG	AGING	40 YEARS	13 YRS,NOTE A	8	125	E.A.	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: YES	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,R)

NOTES:

E.A. = ENGINEERING ANALYSIS
A) THIS LIMIT SWITCH WILL BE ADDED TO OUR PSP TO REVIEW THE MOST LIMITING NON-METALLIC COMPONENT PRIOR TO THE END OF ITS USEFUL LIFE.

449110104
ASP

UNIT: KEWAUNEE

DOCKET: 50-305

SYSTEM COMPONENT EVALUATION WORKSHEET

REVISED 04/0.82

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METH.	HANDING ITEM
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: REACTOR COOLANT	OPERATIONAL TIME	30 DAYS	13 YEARS	35	125	E.A.	N...
PLANT ID NO: 31259-L	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: D-2400X	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CONTAINMENT ISOL. VALVE	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL VALVE	RADIATION RADS	1.2E5	6E6	41	125	E.A.	NONE
LOCATION: GRID H.5/4.5/E11 AUX BLDG SV ZONE	AGING	40 YEARS	13 YRS,NOTE A	8	125	E.A.	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:
E.A. = ENGINEERING ANALYSIS
A) THIS LIMIT SWITCH WILL BE ADDED TO OUR PMP TO RENEW THE MOST LIMITING NON-METALLIC COMPONENT PRIOR TO THE END OF ITS USEFUL LIFE.

31259-L
RC

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	30 DAYS	13 YEARS	35	125	E.A.	NONE
PLANT ID NO: 31259-L	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: D-2400X	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: PRZR RLF TNK MG (R) 512	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	1.2E5	6E6	41	125	E.A.	NONE
LOCATION: GRID H.5/4.5/611 AUX BLDG SV ZONE	AGING	40 YEARS	13 YRS,NOTE A	8	125	E.A.	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

E.A. = ENGINEERING ANALYSIS
A) THIS LIMIT SWITCH WILL BE ADDED TO CUR PMP TO RENEW THE MOST LIMITING NON-METALLIC COMPONENT PRIOR TO THE END OF ITS USEFUL LIFE.

449110701
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: REACTOR COOLANT	OPERATIONAL TIME	30 DAYS	13 YEARS	35	125	E.A.	NONE
PLANT ID NO: 31260-L	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: D-2400X	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CONTAINMENT ISOL. VALVE	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL	RADIATION RADS	1.2E5	6E6	41	125	E.A.	NONE
LOCATION: GRID H.4/4.5/611 AUX BLDG SV ZONE	AGING	40 YEARS	13 YRS,NOTE A	8	125	E.A.	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (B)

NOTES:

E.A. = ENGINEERING ANALYSIS
A) THIS LIMIT SWITCH WILL BE ADDED TO CUB PMP TO RENEW THE MOST LIMITING NON-METALLIC COMPONENT PRIOR TO THE END OF ITS USEFUL LIFE.

31260-L
BC

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	30 DAYS	13 YEARS	35	125	E.A.	NONE
PLANT ID NO: 31260-L	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: D-2400X	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: PRZR RLF TNK MG (R) 512	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	1.2E5	6E6	41	125	E.A.	NONE
LOCATION: GRID H.4/4.5/611 AUX BLDG SV ZONE	AGING	40 YEARS	13 YRS,NOTE A	8	125	E.A.	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (R)

NOTES:

E.A. = ENGINEERING ANALYSIS
A) THIS LIMIT SWITCH WILL BE ADDED TO OUR PMP TO REVIEW THE MOST LIMITING NON-METALLIC COMPONENT PRIOR TO THE END OF ITS USEFUL LIFE.

449110702
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR COOLANT	OPERATIONAL TIME	30 DAYS	13 YEARS	35	125	E.A.	NONE
PLANT ID NO: 31261-L	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: D-2400X	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CONTAINMENT ISOL. VALVE	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL VALVE	RADIATION RADS	1.2E5	6E6	41	125	E.A.	NONE
LOCATION: GRID H.5/4.5/607 AUX BLDG SV ZONE	AGING	40 YEARS	13 YRS,NOTE A	8	125	E.A.	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

E.A. = ENGINEERING ANALYSIS
A) THIS LIMIT SWITCH WILL BE ADDED TO OUR PRP TO REVIEW THE MOST LIMITING NON-METALLIC COMPONENT PRIOR TO THE END OF ITS USEFUL LIFE.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	30 DAYS	13 YEARS	35	125	E.A.	NONE
PLANT ID NO: 31261-L	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: D-2400X	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: PR ZR RLF TNK MU 1010-1	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	1.2E5	6E6	41	125	E.A.	NONE
LOCATION: GRID H.5/4.5/607 AUX BLDG	AGING	40 YEARS	13 YRS,NOTE A	8	125	E.A.	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (B)

NOTES:

E.A. = ENGINEERING ANALYSIS
A) THIS LIMIT SWITCH WILL BE ADDED TO CUS PMP TO RENEW THE MOST LIMITING NON-METALLIC COMPONENT PRIOR TO THE END OF ITS USEFUL LIFE.

449110704
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: PRIMARY SAMPLING	OPERATIONAL TIME	30 DAYS	30 DAYS	35	50	TYPE TEST	NONE
PLANT ID NO: 31263-L #	TEMPERATURE DEG. F.	293	340	1	50	TYPE TEST	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	60.7	84.7	2,3	50	TYPE TEST	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: EA 180	RELATIVE HUMIDITY PCT	100%	100%	2	50	TYPE TEST	NONE
FUNCTION: PRZR STM SAMPLING ISOL CV	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	50	TYPE TEST	NONE
SERVICE: CONTROL ROOM INDICATION	RADIATION RADS	5E7 GAMMA 2E6 BETA	2.04E8 GAMMA >2E6 BETA	2,6,7,8	50,101	TEST/ANALY	NONE
LOCATION: GRID 17/105/646 RX BLDG	AGING	40 YEARS	40 YEARS	8	50	TEST/ANALY	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (T,P,H,CS,R)

NOTES:

31263-L
PS

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: PRIMARY SAMPLING	OPERATIONAL TIME	30 DAYS	30 DAYS	35	50	TYPE TEST	NONE
PLANT ID NO: 31264-L #	TEMPERATURE DEG. F.	293	340	1	50	TYPE TEST	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	60.7	84.7	2,3	50	TYPE TEST	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: EA 180	RELATIVE HUMIDITY PCT	100%	100%	2	50	TYPE TEST	NONE
FUNCTION: POSITION INDICATION CN PRZR LIQ SAMPLE ISOL CV	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	50	TYPE TEST	NONE
SERVICE: CONTROL ROOM INDICATION	RADIATION RADS	5E7 GAMMA 2E6 BETA	2.04E8 GAMMA >2E6 BETA	2,6,7,8	50,101	TEST/ANALY	NONE
LOCATION: GRID 23/122/631 RX BLDG	AGING	40 YEARS	40 YEARS	8	50	TEST/ANALY	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (T,P,H,CS,R)

NOTES:

31264-L
PS

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: PRIMARY SAMPLING	OPERATIONAL TIME	30 DAYS	13 YEARS	35	125	E.A.	NONE
PLANT ID NO: 31267-L #	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCHES (2) ON PRZR SAMPLE STOP CV MANUFACTURER: NAMCO	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MODEL NUMBER: D-2400X	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: POSITION INDICATOR	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATOR	RADIATION RADS	1.2E5	6E6	41	125	E.A.	NONE
LOCATION: GRID H.5/4.6/646 AUX BLDG SV ZONE	AGING	40 YEARS	13 YRS,NOTE A	8	125	E.A.	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (R)

NOTES:

E.A. = ENGINEERING ANALYSIS
A) THIS LIMIT SWITCH WILL BE ADDED TO CUR PMP TO RENEW THE MOST LIMITING NON-METALLIC COMPONENT PRIOR TO THE END OF ITS USEFUL LIFE.

31267-L
PS

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: PRIMARY SAMPLING	OPERATIONAL TIME	30 DAYS	13 YEARS	35	125	E.A.	NONE
PLANT ID NO: 31268-L #	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCHES (2) ON PRZR LIQUID SAMPLE STOP CV MANUFACTURER: NAMCO	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MODEL NUMBER: D-2400X	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: POSITION INDICATION	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM INDICATION	RADIATION RADS	1.2E5	6E6	41	125	E.A.	NONE
LOCATION: GRID H.5/4.6/646 AUX BLDG SV ZONE	AGING	40 YEARS	13 YRS,NOTE A	8	125	E.A.	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:
E.A. = ENGINEERING ANALYSIS
A) THIS LIMIT SWITCH WILL BE ADDED TO OUR PMP TO RENEW THE MOST LIMITING NON-METALLIC COMPONENT PRIOR TO THE END OF ITS USEFUL LIFE.

31268-L
PS

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: EMERGENCY PROCEDURE	OPERATIONAL TIME	30 DAYS	13 YEARS	35	125	E.A.	NONE
PLANT ID NO: 31269-L	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCHES (2) ON RC HOT LEG SAMPLE STOP CV MANUFACTURER: NAMCO	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MODEL NUMBER: D-2400X	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38	N/A	N/A	NONE
FUNCTION: POSITION INDICATION	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM INDICATION	RADIATION RADS	1.2E5	6E6	41	125	E.A.	NONE
LOCATION: GRID H.5/4.6/646 AUX BLDG SV ZONE	AGING	40 YEARS	13 YRS,NOTE A	8	125	E.A.	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:

LOCA YES (R)

NOTES:

E.A. = ENGINEERING ANALYSIS
A) THIS LIMIT SWITCH WILL BE ADDED TO CUR PRP TO RENEW THE MOST LIMITING NON-METALLIC COMPONENT PRIOR TO THE END OF ITS USEFUL LIFE.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SECONDARY SAMP.	OPERATIONAL TIME	30 DAYS	30 DAYS	35	50	TYPE TEST	NONE
PLANT ID NO: 31270-L @	TEMPERATURE DEG. F.	293	340	1	50	TYPE TEST	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	60.7	84.7	2,3	50	TYPE TEST	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: EA-180	RELATIVE HUMIDITY PCT	100%	100%	2	50	TYPE TEST	NONE
FUNCTION: CNTMT ISOL S/G 1B SAMPLING STOP CV	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NACH	PH = 10.5	4,5,118	50	TYPE TEST	NONE
SERVICE: CONTROL	RADIATION RADS	5E7 GAMMA 2E6 BETA	2.04E8 GAMMA >2E6 BETA	2,6,7,8	50,101	TEST/ANALY	NONE
LOCATION: GRID 6/75/611 RX BLDG	AGING	40 YEARS	40 YEARS	8	50	TEST/ANALY	NONE
FLOOD LEVEL ELEV: 600' ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (T,P,H,CS,R)

NOTES:

31270-L
SS

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: SECONDARY SAMP.	OPERATIONAL TIME	30 DAYS	13 YEARS	35	125	E.A.	NONE
PLANT ID NO: 31271-L	TEMPERATURE DEG. F.	120	NOTE A	37,39	NOTE A	NOTE A	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,39	N/A	N/A	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: D-2400X	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,43	N/A	N/A	NONE
FUNCTION: CNTMT ISOL S/G 1B SAMPLING STOP CV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL	RADIATION RADS	1.2E5	6E6	41	125	E.A.	NONE
LOCATION: GRID JJW.0/35/611	AGING	40 YEARS	13 YRS,NOTE A	8	125	E.A.	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HABSH:

LOCA YES (T,R)

NOTES:

E.A. = ENGINEERING ANALYSIS
A) THIS LIMIT SWITCH WILL BE ADDED TO CUB PMP TO RENEW THE MOST LIMITING NON-METALLIC COMPONENT PRIOR TO THE END OF ITS USEFUL LIFE.

31271-L
SS

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	30 DAYS	13 YEARS	35	125	E.A.	NONE
PLANT ID NO: 31271-L	TEMPERATURE DEG. F.	120	NOTE A	37,39	NOTE A	NOTE A	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,39	N/A	N/A	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: D-2400X	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,43	N/A	N/A	NONE
FUNCTION: CNTMT ISOL S/G 1B SAMPLING STOP SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	1.2E5	6E6	41	125	E.A.	NONE
LOCATION: GRID JJW.0/3.5/611 AUX BLDG	AGING	40 YEARS	13 YRS,NOTE A	8	125	E.A.	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (T,R)

NOTES:
E.A. = ENGINEERING ANALYSIS
A) THIS LIMIT SWITCH WILL BE ADDED TO CUB ESP TO REVIEW THE MOST LIMITING NON-METALLIC COMPONENT PRIOR TO THE END OF ITS USEFUL LIFE.

449110304
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL.	OUTSTANDING
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.	METHOD	ITEMS
SYSTEM: INTERNAL CONTAINMENT SPRAY	OPERATIONAL TIME	30 DAYS	13 YEARS	35	125	E.A.	NONE
PLANT ID NO: 31272-L	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: E-2400X	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CONTMT.ISOLATION VLV CNTMT. SPRAY TEST LINE TO RWST CV 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: INDICATION	RADIATION RADS	<1E5	6E6	119	125	E.A.	NONE
LOCATION: GRID GW.6/4.5/598 AUX BLDG SV ZONE	AGING	40 YEARS	13 YRS,NOTE A	8	125	E.A.	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO

NOTES:

E.A. = ENGINEERING ANALYSIS
A) THIS LIMIT SWITCH WILL BE ADDED TO OUR PMP TO RENEW THE MOST LIMITING NON-METALLIC COMPONENT PRIOR TO THE END OF ITS USEFUL LIFE.

31272-L
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SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	30 DAYS	13 YEARS	41	125	E.A.	NONE
PLANT ID NO: 31272-L	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: POSITION SWITCH ON CONTROL VALVE MANUFACTURER: NAMCO	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MODEL NUMBER: D-2400X-2	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ICS TEST LINE CONT VLVS	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	6E6	119	125	E.A.	NONE
LOCATION: GRID GW.6/4.5/598 AUX BLDG SV ZONE	AGING	40 YEARS	13 YRS,NOTE A	8	125	E.A.	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:

LOCA NO

NOTES:

E.A. = ENGINEERING ANALYSIS
A) THIS LIMIT SWITCH WILL BE ADDED TO CUE PEP TO RENEW THE MOST LIMITING NON-METALLIC COMPONENT PRIOR TO THE END OF ITS USEFUL LIFE.

449110102
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: INTERNAL CONTAINMENT SPRAY	OPERATIONAL TIME	30 DAYS	13 YEARS	35	125	E.A.	NONE
PLANT ID NO: 31273-L	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: D-2400X	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CONTMT.ISOLATION VLV CNTMT. SPRAY TEST LINE TO RWST CV 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: INDICATION	RADIATION RADS	<1E5	6E6	119	125	E.A.	NONE
LOCATION: GRID GW.6/4.5/598 AUX BLDG SV ZONE	AGING	40 YEARS	13 YRS,NOTE A	8	125	E.A.	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:

E.A. = ENGINEERING ANALYSIS
A) THIS LIMIT SWITCH WILL BE ADDED TO OUR PMP TO RENEW THE MOST LIMITING NON-METALLIC COMPONENT PRIOR TO THE END OF ITS USEFUL LIFE.

31273-L
ICS

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	30 DAYS	13 YEARS	35	125	E.A.	NONE
PLANT ID NO: 31273-L	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: POSITION SWITCH ON VALVE MANUFACTURER: NAMCO	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MODEL NUMBER: C-2400X-2	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CNTMT SPRAY TEST LINE TO RWST	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	6E6	119	125	E.A.	NONE
LOCATION: GRID GW.6/4.5/598 AUX BLDG SV ZONE	AGING	40 YEARS	13 YRS,NOTE A	8	125	E.A.	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:

E.A. = ENGINEERING ANALYSIS
A) THIS LIMIT SWITCH WILL BE ADDED TO OUR PEP TO REVIEW THE MOST LIMITING NON-METALLIC COMPONENT PRIOR TO THE END OF ITS USEFUL LIFE.

4491101C2A
ASP

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL.	OUTSTANDING
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.	METHOD	ITEMS
SYSTEM: REACTOR COOLANT	OPERATIONAL TIME	30 DAYS	13 YEARS	41	125	E.A.	NONE
PLANT ID NO: 31298-L	TEMPERATURE DEG. F.	120	N/A	37,39	N/A	N/A	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,39	N/A	N/A	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: D-2400X	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,43	N/A	N/A	NONE
FUNCTION: CONTAINMENT ISOL. VALVE	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL	RADIATION RADS	<1E5	6E6	119	125	E.A.	NONE
LOCATION: GRID H.9/2.5/609 AUX BLDG	AGING	40 YEARS	13 YRS,NOTE A	8	125	E.A.	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (T)

NOTES:
E.A. = ENGINEERING ANALYSIS
A) THIS LIMIT SWITCH WILL BE ADDED TO CUB PMP TO RENEW THE MOST LIMITING NON-METALLIC COMPONENT PRIOR TO THE END OF ITS USEFUL LIFE.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	30 DAYS	13 YEARS	35	125	E.A.	NONE
PLANT ID NO: 31298-L	TEMPERATURE DEG. F.	120	N/A	37,39	N/A	N/A	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,39	N/A	N/A	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: C-2400X	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,43	N/A	N/A	NONE
FUNCTION: PR ZR RLF TNK VLV NG 302	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	6E6	119	125	E.A.	NONE
LOCATION: GRID H.9/2.5/609 AUX BLDG	AGING	40 YEARS	13 YRS,NOTE A	8	125	E.A.	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:

E.A. = ENGINEERING ANALYSIS
A) THIS LIMIT SWITCH WILL BE ADDED TO CUE PNP TC RENEW THE MOST LIMITING NON-METALLIC COMPONENT PRIOR TO THE END OF ITS USEFUL LIFE.

449110703
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	1 YEAR	13 YEARS	41	125	E.A.	NONE
PLANT ID NO: 31309-L #	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: POSITION SWITCHES (2) ON VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: D-2400X-2	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: INST AIR CNTMT ISOL CV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	5.5E5	6E6	41	125	E.A.	NONE
LOCATION: GRID HW.3/5.3/637 AUX BLDG SV ZONE	AGING	40 YEARS	13 YRS,NOTE A	8	125	E.A.	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

E.A. = ENGINEERING ANALYSIS
A) THIS LIMIT SWITCH WILL BE ADDED TO OUR PMP TO BE/EW THE MOST LIMITING NON-METALLIC COMPONENT PRIOR TO THE END OF ITS USEFUL LIFE.

449110101
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SECONDARY SAMP.	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 31334-L a	TEMPERATURE DEG. F.	293	340	2	50	TYPE TEST	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	60.7	84.7	2,3	50	TYPE TEST	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: EA-180	RELATIVE HUMIDITY PCT	100%	100%	2	50	TYPE TEST	NONE
FUNCTION: CNTMT ISOL S/G 1A SAMPLING STOP CV	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	50	TYPE TEST	NONE
SERVICE: CONTROL	RADIATION RADS	5E7 GAMMA 2E6 BETA	2.04E8 GAMMA >2E6 BETA	2,6,7,8	50,101	TEST/ANALY	NONE
LOCATION: GRID 6/75/611 RX BLDG	AGING	40 YEARS	40 YEARS	8	50	TEST/ANALY	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (T,P,H,CS,B)

NOTES:

31334-L
SS

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SECONDARY SAMP.	OPERATIONAL TIME	1 YEAR	13 YEARS	35	125	E.A.	NONE
PLANT ID NO: 31335-L	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCH ON VALVE OPERATOR MANUFACTURER: NAMCO	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MODEL NUMBER: D-2400X	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CNTMT ISOL S/G 1A SAMPLING STOP CV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL	RADIATION RADS	1.2E5	6E6	41	125	E.A.	NONE
LOCATION: GRID JJW.0/4.5/611 AUX BLDG SV ZONE	AGING	40 YEARS	13 YRS,NOTE A	8	125	E.A.	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (R)

NOTES:

E.A. = ENGINEERING ANALYSIS
A) THIS LIMIT SWITCH WILL BE ADDED TO OUR PMP TO RENEW THE MOST LIMITING NON-METALLIC COMPONENT PRIOR TO THE END OF ITS USEFUL LIFE.

31335-L
SS

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	30 DAYS	13 YEARS	35	125	E.A.	NONE
PLANT ID NO: 31335-L	TEMPERATURE DEG. F.	60-104	N/A	37,39	N/A	N/A	NONE
COMPONENT: LIMIT SWITCH ON VALVE OPERATOR MANUFACTURER: NAMCO	PRESSURE PSIA	13.7-15.7	N/A	37,39	N/A	N/A	NONE
MODEL NUMBER: D-2400X	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,43	N/A	N/A	NONE
FUNCTION: SG1A SAMPL VLV PT 32A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	1.2E5	6E6	41	125	E.A.	NONE
LOCATION: GRID JJW.0/4.5/611 AUX BLDG SV ZONE	AGING	40 YEARS	13 YRS,NOTE A	8	125	E.A.	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: YES	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (R)

NOTES:

E.A. = ENGINEERING ANALYSIS
A) THIS LIMIT SWITCH WILL BE ADDED TO CUB PMP TO RENEW THE MOST LIMITING NON-METALLIC COMPONENT PRIOR TO THE END OF ITS USEFUL LIFE.

449110302
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR BUILDING VENTILATION	OPERATIONAL TIME	30 DAYS	13 YEARS	35	125	E.A.	NONE
PLANT ID NO: 31383-L #	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCHES (2) ON CNTMT AIR SAMPLE INLET ISOL 1A CV MANUFACTURER: NAMCO	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MODEL NUMBER: D-2400X	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: POSITION INDICATION CV (31385)	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM INDICATION	RADIATION RADS	1.2E5	6E6	41	125	E.A.	NONE
LOCATION: GRID H.5/4.8/646 AUX BLDG SV ZONE	AGING	40 YEARS	13 YRS,NOTE A	8	125	E.A.	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (B)

NOTES:

E.A. = ENGINEERING ANALYSIS
A) THIS LIMIT SWITCH WILL BE ADDED TO CUB PRP TO RENEW THE MOST LIMITING NON-METALLIC COMPONENT PRIOR TO THE END OF ITS USEFUL LIFE.

31383-L
RBV

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR BUILDING VENTILATION	OPERATIONAL TIME	30 DAYS	13 YEARS	35	125	E.A.	NONE
PLANT ID NO: 31384-L #	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCHES (2) CN CNTMT AIR SAMPLE INLET ISOL 1B CV MANUFACTURER: NAMCO	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MODEL NUMBER: D-2400X	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: POSITION INDICATION CV (31385)	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM INDICATION	RADIATION RADS	1.2E5	6E6	41	125	E.A.	NONE
LOCATION: GRID H.5/4.8/646 AUX BLDG SV ZONE	AGING	40 YEARS	13 YRS,NOTE A	8	125	E.A.	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (R)

NOTES:

E.A. = ENGINEERING ANALYSIS
A) THIS LIMIT SWITCH WILL BE ADDED TO OUR PMP TO RENEW THE MOST LIMITING NON-METALLIC COMPONENT PRIOR TO THE END OF ITS USEFUL LIFE.

31384-L
RBV

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR BUILDING VENTILATION	OPERATIONAL TIME	30 DAYS	13 YEARS	35	125	E.A.	NONE
PLANT ID NO: 31385-L #	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCHES (2) ON CNTMT AIR SAMPLE DISC ISOL 1E CV MANUFACTURER: NAMCO	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MODEL NUMBER: D-2400X	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: POSITION INDICATION CV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM INDICATION	RADIATION RADS	1.2E5	6E6	41	125	E.A.	NONE
LOCATION: GRID H.5/4.8/646 AUX BLDG SV ZONE	AGING	40 YEARS	13 YRS,NOTE A	8	125	E.A.	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

E.A. = ENGINEERING ANALYSIS
A) THIS LIMIT SWITCH WILL BE ADDED TO CUB REP TO RENEW THE MOST LIMITING NON-METALLIC COMPONENT PRIOR TO THE END OF ITS USEFUL LIFE.

31385-L
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	30 DAYS	13 YEARS	35	125	E.A.	NONE
PLANT ID NO: 31393-A	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: E-2400X	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CAUSTIC ADDN CI1C01A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	5.6E6	6E6	41	125	E.A.	NONE
LOCATION: GRID GW.4/5.2/587 AUX BLDG SV ZONE	AGING	40 YEARS	13 YRS,NOTE A	8	125	E.A.	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (R)

NOTES:

E.A. = ENGINEERING ANALYSIS
A) THIS LIMIT SWITCH WILL BE ADDED TO OUR PEP TO REVIEW THE MOST LIMITING NON-METALLIC COMPONENT PRIOR TO THE END OF ITS USEFUL LIFE.

449101001
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: INTERNAL CONTAINMENT SPRAY	OPERATIONAL TIME	30 DAYS	13 YEARS	35	125	E.A.	NONE
PLANT ID NO: 31393-L	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: D-2400X	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CONTAINMENT CAUSTIC ADDITIVE	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL	RADIATION RADS	5.6E6	6E6	41	125	E.A.	NONE
LOCATION: GRID GW.4/5.2/587 AUX BLDG SV ZONE	AGING	40 YEARS	13 YRS,NOTE A	8	125	E.A.	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:
E.A. = ENGINEERING ANALYSIS
A) THIS LIMIT SWITCH WILL BE ADDED TO CUR PMP TO RENEW THE MOST LIMITING NON-METALLIC COMPONENT PRIOR TO THE END OF ITS USEFUL LIFE.

31393-I
ICS

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: INTERNAL CONTAINMENT SPRAY	OPERATIONAL TIME	30 DAYS	13 YEARS	35	125	E.A.	NONE
PLANT ID NO: 31394-L @	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: BARCO							
MODEL NUMBER: D-2400X	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CAUSTIC ADDITIVE VALVE	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL	RADIATION RADS	5.6E6	6E6	41	125	E.A.	NONE
LOCATION: GRID GW.4/5.2/587 AUX BLDG SW ZONE	AGING	40 YEARS	13 YRS,NOTE A	8	125	E.A.	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:
E.A. = ENGINEERING ANALYSIS
A) THIS LIMIT SWITCH WILL BE ADDED TO OUR PRP TO REVIEW THE MOST LIMITING NON-METALLIC COMPONENT PRIOR TO THE END OF ITS USEFUL LIFE.

31394-L
ICS

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: EMERGENCY PROCEDURE	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 31406-L	TEMPERATURE DEG. F.	60-104	N/A	37	N/A	N/A	NONE
COMPONENT: LIMIT SWITCHES (2) CN VALVE POSITIONS MANUFACTURER: NAMCO	PRESSURE PSIA	13.7-15.7	N/A	37	N/A	N/A	NONE
MODEL NUMBER: D-2400X & D-2400X-5R	RELATIVE HUMIDITY PCT	10-80%	N/A	37,43	N/A	N/A	NONE
FUNCTION: SERV WTR TO CCW HX 1A TEMP CV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID J.3/9.2/608 AUX BLDG SV ZONE	AGING	40 YEARS	13 YRS,NOTE A	8	125	E.A.	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:

E.A. = ENGINEERING ANALYSIS
A) THIS LIMIT SWITCH WILL BE ADDED TO CUB PMP TO RENEW THE MOST LIMITING NON-METALLIC COMPONENT PRIOR TO THE END OF ITS USEFUL LIFE.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: EMERGENCY PROCEDURE	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 31407-L	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCHES (2) ON VALVE POSITIONS	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: D-2400X & D-2400X-5R	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SERV WTR TO CCW HX 1B TEMP CV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID J.4/8.5/608 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT PRIMARY	INSIDE CONTAINMENT	SYSTEM
1	NEBULA	NEB-1	E550-EP-1	GREASE	YES	MISCELLANEOUS

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MISCELLANEOUS	OPERATIONAL TIME	1 YEAR	1 YEAR	35	19	SIMULT	NONE
PLANT ID NO: NEB-1	TEMPERATURE DEG. F.	293	325	1	64	SIMULT	NONE
COMPONENT: GREASE	PRESSURE PSIA	60.7	90	2,3	64	SIMULT	NONE
MANUFACTURER: NEBULA	RELATIVE HUMIDITY PCT	100%	100%	2	64	SIMULT	NONE
MODEL NUMBER: E550-EP-1	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NACH	PH = 9.25	4,5,118	64	SIMULT	NONE
FUNCTION: LIMITORQUE GEARS MOTOR BEARINGS (MOV'S)	RADIATION RADS	5E7 GAMMA 2E6 BETA	2.4E8 GAMMA >2E6 BETA	2,6,7,8	18,101	TEST/ANALY	NONE
SERVICE: LUBRICATION	AGING	N/A	N/A	N/A	N/A	N/A	NONE
LOCATION: RX BLDG	SUBMERGENCE	NOT REQUIRED	N/A	9	N/A	N/A	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: YES							

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,R)

NOTES:

ENGINEERING EVALUATION: THIS GREASE IS USED IN LIMITORQUE MOTOR OPERATORS AND HAS BEEN QUALIFIED ALONG WITH THEM. AGING DOES NOT APPLY SINCE IT IS CHANGED ON A REGULAR BASIS. GREASE IS INTERNAL TO MOTOR AND HOUSING AND WILL BE PROTECTED FROM CHEMICAL SPRAY.

NEB-1
MISC

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT	PRIMARY CONTAINMENT	SYSTEM
1	D. G. O'BRIEN	DGO-1	MVE (PE-110)	ELEC. PENETRATION	YES	MISCELLANEOUS
2	D. G. O'BRIEN	DGO-2	LVE (PE-12)	ELEC. PENETRATION	YES	MISCELLANEOUS
3	D. G. O'BRIEN	DGO-3	CRDE (PE-7)	ELEC. PENETRATION	YES	MISCELLANEOUS
4	D. G. O'BRIEN	DGO-4	NIS (PE-2)	ELEC. PENETRATION	YES	MISCELLANEOUS
5	D. G. O'BRIEN	DGO-5	RM (PE-11)	ELEC. PENETRATION	YES	MISCELLANEOUS
6	D. G. O'BRIEN	DGO-6	I&C (PE-8)	ELEC. PENETRATION	YES	MISCELLANEOUS

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MISCELLANEOUS	OPERATIONAL TIME	1 YEAR	1 YEAR	35	24,26	TEST/ANALY	NONE
PLANT ID NO: DGC-1	TEMPERATURE DEG. F.	293	270, NOTE A	1	24	SIMULT	NONE
COMPONENT: ELEC. PENETRATION	PRESSURE PSIA	60.7	66.7	2,3	24	SIMULT	NONE
MANUFACTURER: D. G. O'BRIEN							
MODEL NUMBER: MVP (PR-110) S/N PR-110	RELATIVE HUMIDITY PCT	100%	100%	2	24	SIMULT	NONE
FUNCTION: VARIOUS	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NACH	PH = 8.8	4,5,118	25	E.A.	NONE
SERVICE: ELEC. CONNECTIONS	RADIATION RADS	5E7 GAMMA 2E6 BETA	3E8 GAMMA >2E6 BETA	2,6,7,8	26,101	ANALYSIS	NONE
LOCATION: RX BLDG & AUX BLDG	AGING	40 YEARS	>>40 YEARS	8	149	ANALYSIS	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

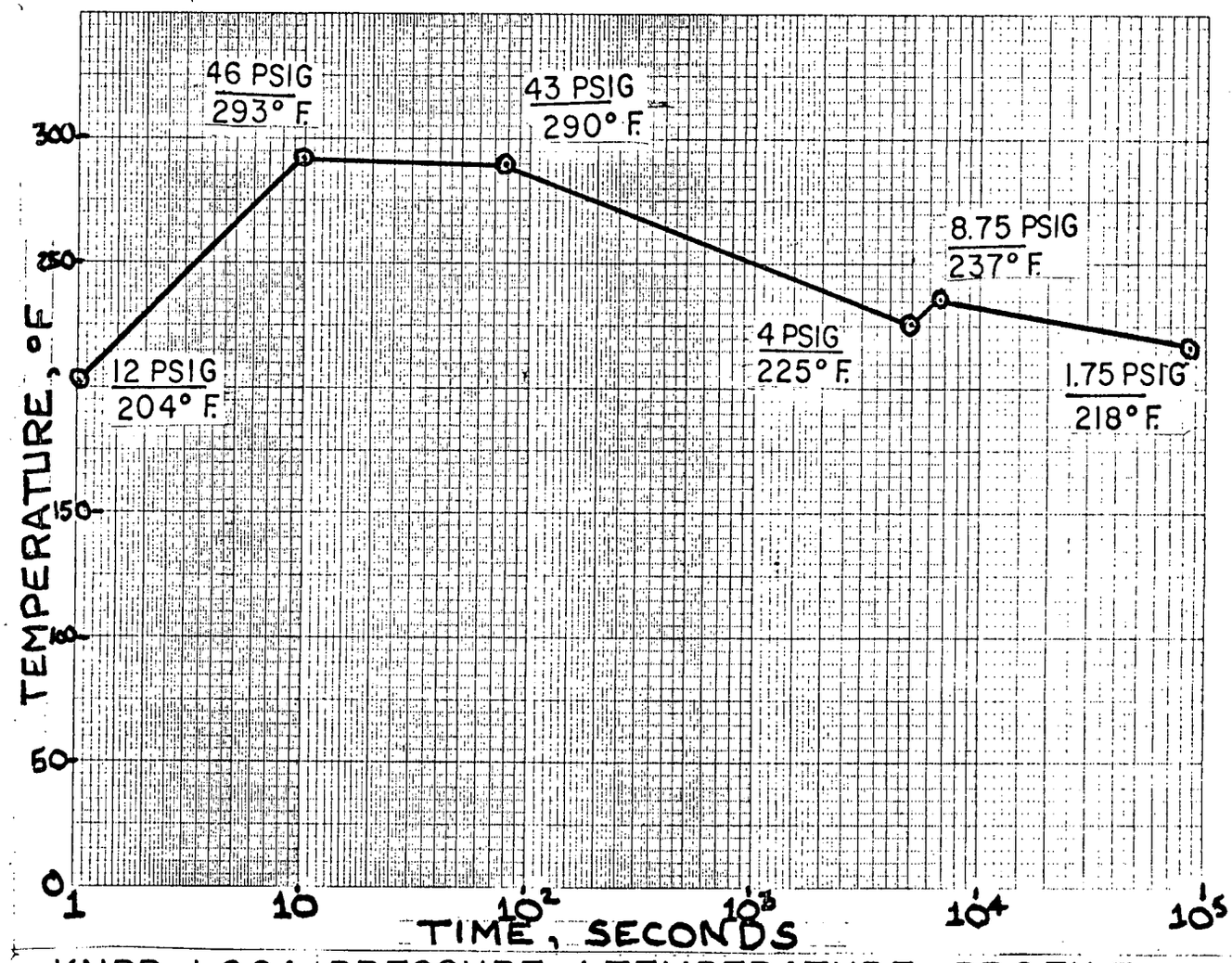
HARSH:

LOCA YES (T,P,B,CS,B)

NOTES:

E.A. = ENGINEERING ANALYSIS.
A) TESTED TO 270 F. THE ATTACHED SATURATION TEMPERATURE PROFILE EXCEEDS TEST TEMPERATURE FOR LESS THAN 5 MINUTES.

DGO-1
MISC



KNPP LOCA PRESSURE / TEMPERATURE PROFILE

SOURCE: FSAR FIG. 14.3-23 PLUS 9% MARGIN; SATURATION TEMPERATURE

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

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REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MISCELLANEOUS	OPERATIONAL TIME	1 YEAR	1 YEAR	35	26,27	TEST/ANALY	NONE
PLANT ID NO: DGO-2	TEMPERATURE DEG. F.	293 234 (HELB)	270, NOTE A 270, NOTE A	1 111	27 27	SIMULT SIMULT	NONE
COMPONENT: ELEC. PENETRATION MANUFACTURER: D. G. O'BRIEN	PRESSURE PSIA	60.7 16.4 (HELB)	66.7 N/A	2,3 111	27 N/A	SIMULT N/A	NONE
MODEL NUMBER: LVP (PR-12) S/N PR-12	RELATIVE HUMIDITY PCT	100% 100% (HELB)	100% 100%	2 111	27 27	SIMULT SIMULT	NONE
FUNCTION: VARIOUS	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NACH N/A (HELB)	PH = 8.8 N/A	4,5,118 N/A	25 N/A	E.A. N/A	NONE
SERVICE: ELEC. CONNECTIONS	RADIATION RADS	5E7 GAMMA 2E6 BETA <1E5 GAMMA HELB	3E8 GAMMA >2E6 BETA 3E8 GAMMA	2,6,7,8 111,119	26,101 26,101	ANALYSIS ANALYSIS	NONE
LOCATION: RX BLDG & AUX BLDG	AGING	40 YEARS 40 YEARS (HELB)	>>40 YEARS >>40 YEARS	8 8	149 149	ANALYSIS ANALYSIS	NONE
FLOOD LEVEL ELEV: N/A, 609 (HELB) ABOVE FLOOD LEVEL: N/A, YES (HELB)	SUBMERGENCE	NOT REQUIRED NOT REQ (HELB)	N/A N/A	9 N/A	N/A N/A	N/A N/A	NONE

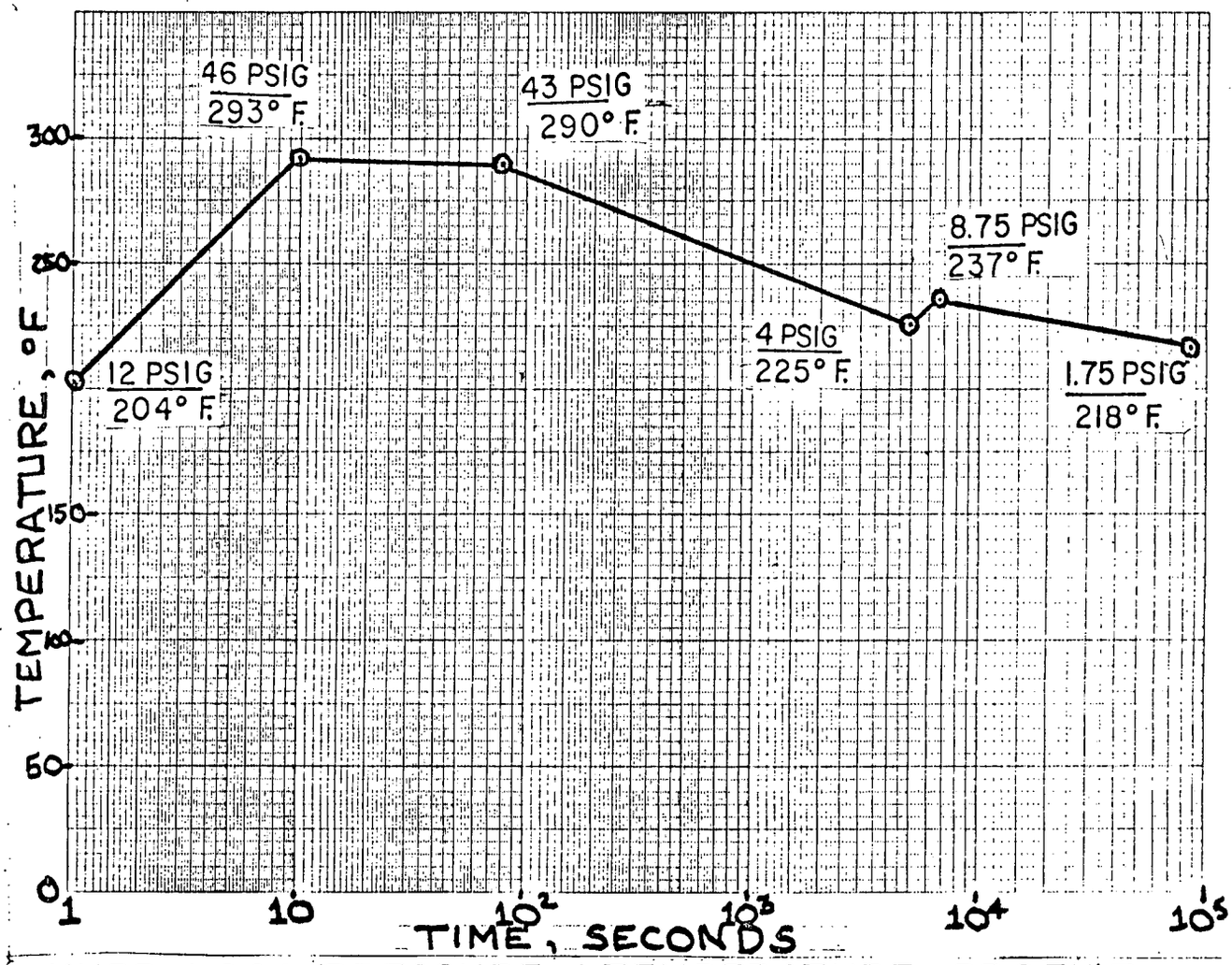
* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,B)
HELB YES (T,H)

NOTES:

E.A. = ENGINEERING ANALYSIS.
A) TESTED TO 270 F. THE ATTACHED SATURATION TEMPERATURE PROFILE EXCEEDS TEST TEMPERATURE FOR LESS THAN 5 MINUTES.



KNPP LOCA PRESSURE / TEMPERATURE PROFILE

SOURCE: FSAR FIG. 14.3-23 PLUS 9% MARGIN; SATURATION TEMPERATURE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

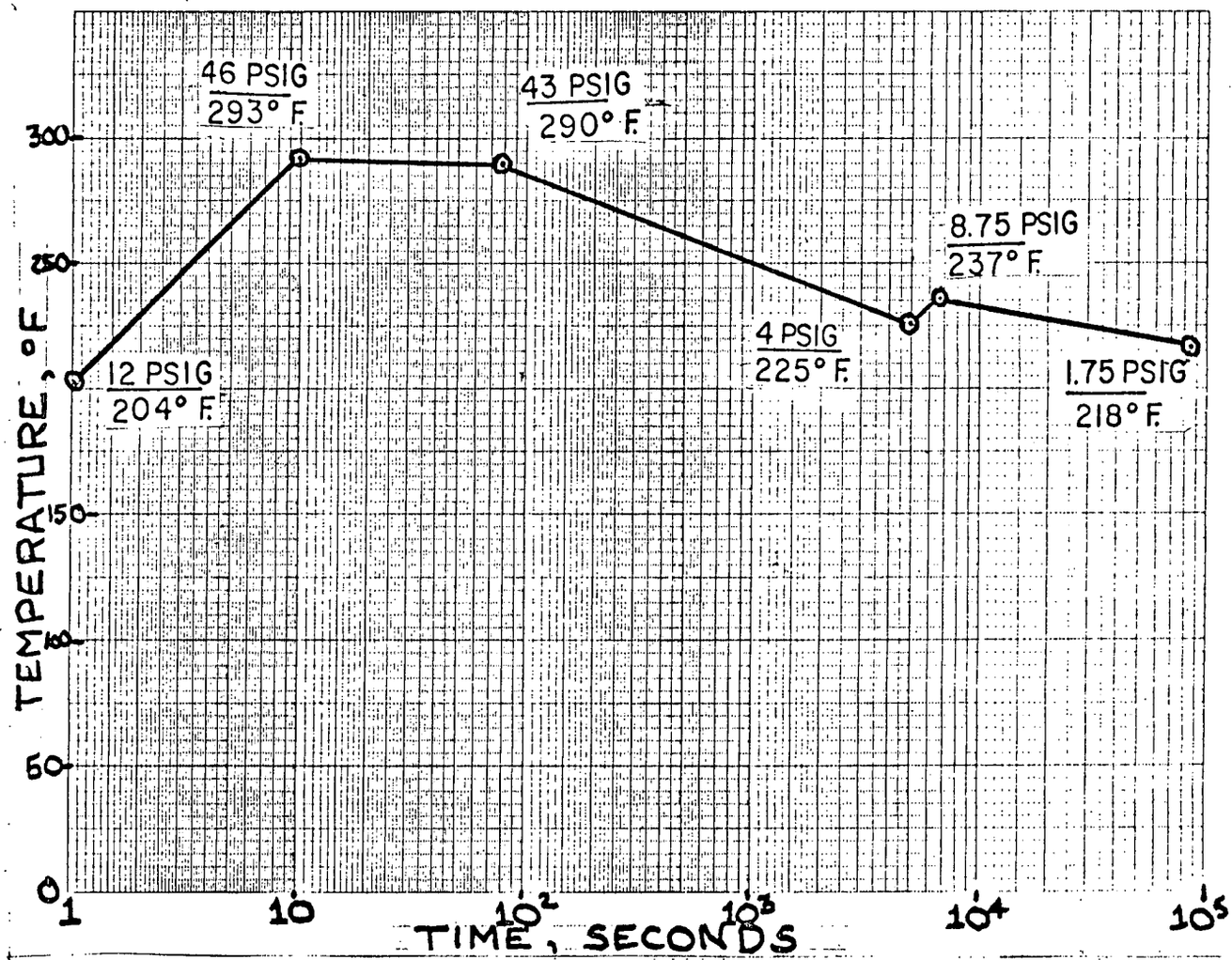
DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MISCELLANEOUS	OPERATIONAL TIME	1 YEAR	1 YEAR	35	26,28,29	TEST/ANALY	NONE
PLANT ID NO: DGO-3	TEMPERATURE DEG. F.	293	270, NOTE A	1	29	SIMULT	NONE
COMPONENT: ELEC. PENETRATION	PRESSURE PSIA	60.7	66.7	2,3	28	SIMULT	NONE
MANUFACTURER: D. G. O'BRIEN.							
MODEL NUMBER: CRDP (PR-7) S/N PR-7	RELATIVE HUMIDITY PCT	100%	100%	2	29	SIMULT	NONE
FUNCTION: VARIOUS	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 8.8	4,5,118	25	E.A.	NONE
SERVICE: ELEC. CONNECTIONS	RADIATION RADS	5E7 GAMMA 2E6 BETA	3E8 GAMMA >2E6 BETA	2,6,7,8	26,101	TEST/ANALY	NONE
LOCATION: RX BLDG & AUX BLDG	AGING	40 YEARS	>>40 YEARS	8	149	ANALYSIS	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (T,P,H,CS,B)

NOTES:
E.A. = ENGINEERING ANALYSIS.
A) TESTED TO 270 F. THE ATTACHED SATURATION TEMPERATURE PROFILE EXCEEDS TEST TEMPERATURE FOR LESS THAN 5 MINUTES.



KNPP LOCA PRESSURE / TEMPERATURE PROFILE

SOURCE: FSAR FIG. 14.3-23 PLUS 9% MARGIN; SATURATION TEMPERATURE

SYSTEM COMPONENT EVALUATION WORKSHEET

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UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MISCELLANEOUS	OPERATIONAL TIME	1 YEAR	1 YEAR	35	26,31	TEST/ANALY	NONE
PLANT ID NO: DGO-4	TEMPERATURE DEG. F.	293 234 (HELB)	270, NOTE A 270, NOTE A	1 111	31 31	SIMULT SIMULT	NONE
COMPONENT: ELEC. PENETRATION	PRESSURE PSIA	60.7 16.4 (HELB)	66.7 N/A	2,3 111	31 N/A	SIMULT N/A	NONE
MANUFACTURER: D. G. O'BRIEN							
MODEL NUMBER: NIS (PR-2)	RELATIVE HUMIDITY PCT	100% 100% (HELB)	100% 100%	2 111	31 31	SIMULT SIMULT	NONE
S/N PR-2							
FUNCTION: VARIOUS	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NACB N/A (HELB)	PH = 8.8 N/A	4,5,118 N/A	25 N/A	E.A. N/A	NONE
SERVICE: ELEC. CONNECTIONS	RADIATION RADS	5E7 GAMMA 2E6 BETA <1E5 GAMMA HELB	3E8 GAMMA >2E6 BETA 3E8 GAMMA	2,6,7,8 111,119	26 26,101	ANALYSIS ANALYSIS	NONE
LOCATION: RX BLDG & AUX BLDG	AGING	40 YEARS 40 YEARS (HEIB)	>>40 YEARS >>40 YEARS	8 8	149 149	ANALYSIS ANALYSIS	NONE
FLOOD LEVEL ELEV: N/A, 609 (HELB) ABOVE FLOOD LEVEL: N/A, YES (HELB)	SUBMERGENCE	NOT REQUIRED NOT REQ (HELB)	N/A N/A	9 N/A	N/A N/A	N/A N/A	NONE

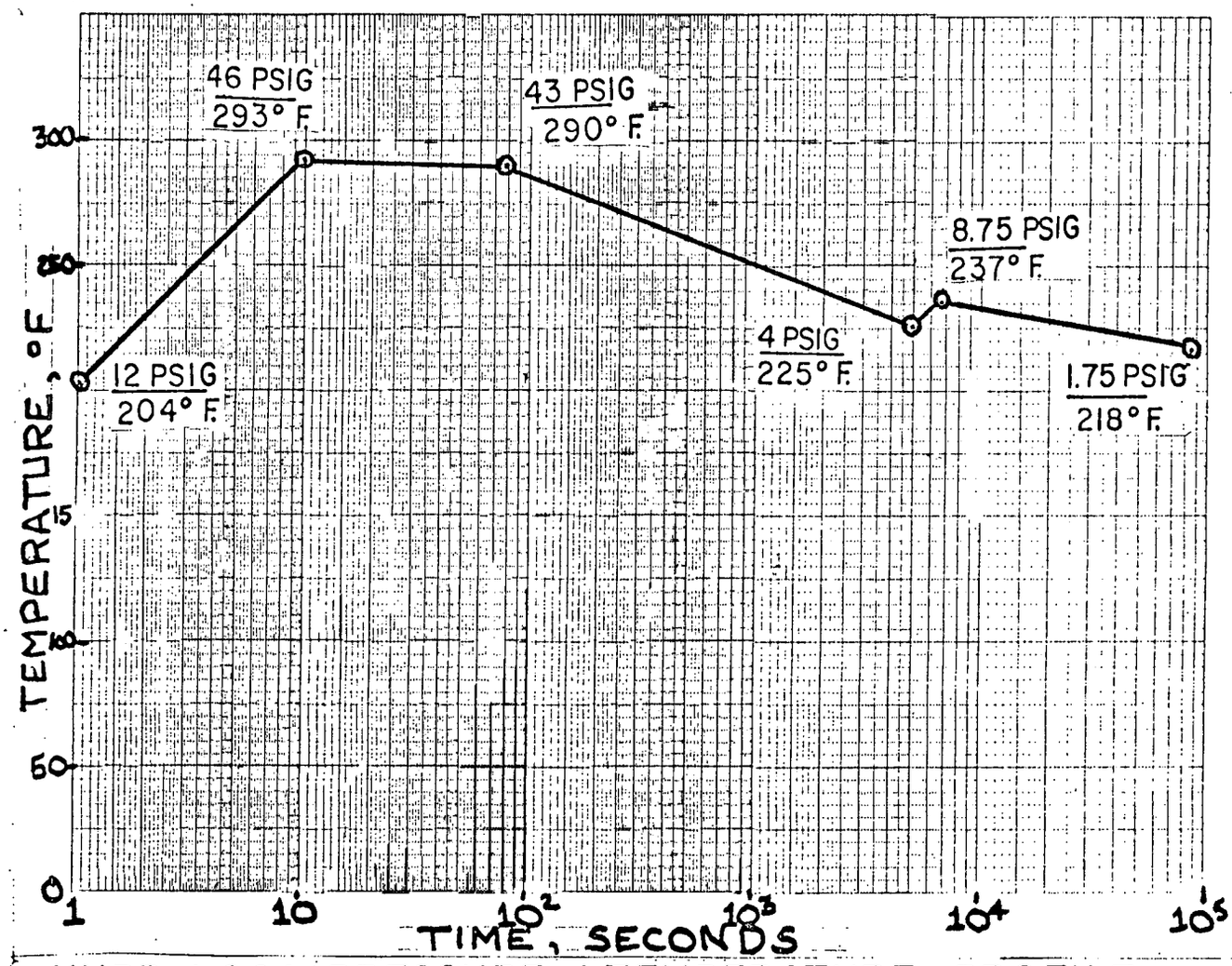
* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,R)
HELB YES (T,H)

NOTES:

E.A. = ENGINEERING ANALYSIS.
A) TESTED TO 270 F. THE ATTACHED SATURATION TEMPERATURE PROFILE EXCEEDS TEST TEMPERATURE FOR LESS THAN 5 MINUTES.



KNPP LOCA PRESSURE / TEMPERATURE PROFILE

SOURCE: FSAR FIG. 14.3-23 PLUS 9% MARGIN; SATURATION TEMPERATURE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MISCELLANEOUS	OPERATIONAL TIME	1 YEAR	1 YEAR	35	26,33	TEST/ANALY	NONE
PLANT ID NO: DGO-5	TEMPERATURE DEG. F.	293	270, NOTE A	1	33	SIMULT	NONE
COMPONENT: ELEC. PENETRATION	PRESSURE PSIA	60.7	66.7	2,3	33	SIMULT	NONE
MANUFACTURER: D. G. O'BRIEN							
MODEL NUMBER: EM (PR-11) S/N PR-11	RELATIVE HUMIDITY PCT	100%	100%	2	33	SIMULT	NONE
FUNCTION: VARIOUS	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NACH	PH = 8.8	4,5,118	25	E.A.	NONE
SERVICE: ELEC. CONNECTIONS	RADIATION RADS	5E7 GAMMA 2E6 BETA	3E8 GAMMA >2E6 BETA	2,6,7,8	26,101	ANALYSIS	NONE
LOCATION: RX BLDG & AUX BLDG	AGING	40 YEARS	>>40 YEARS	8	149	ANALYSIS	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	9	N/A	N/A	NONE

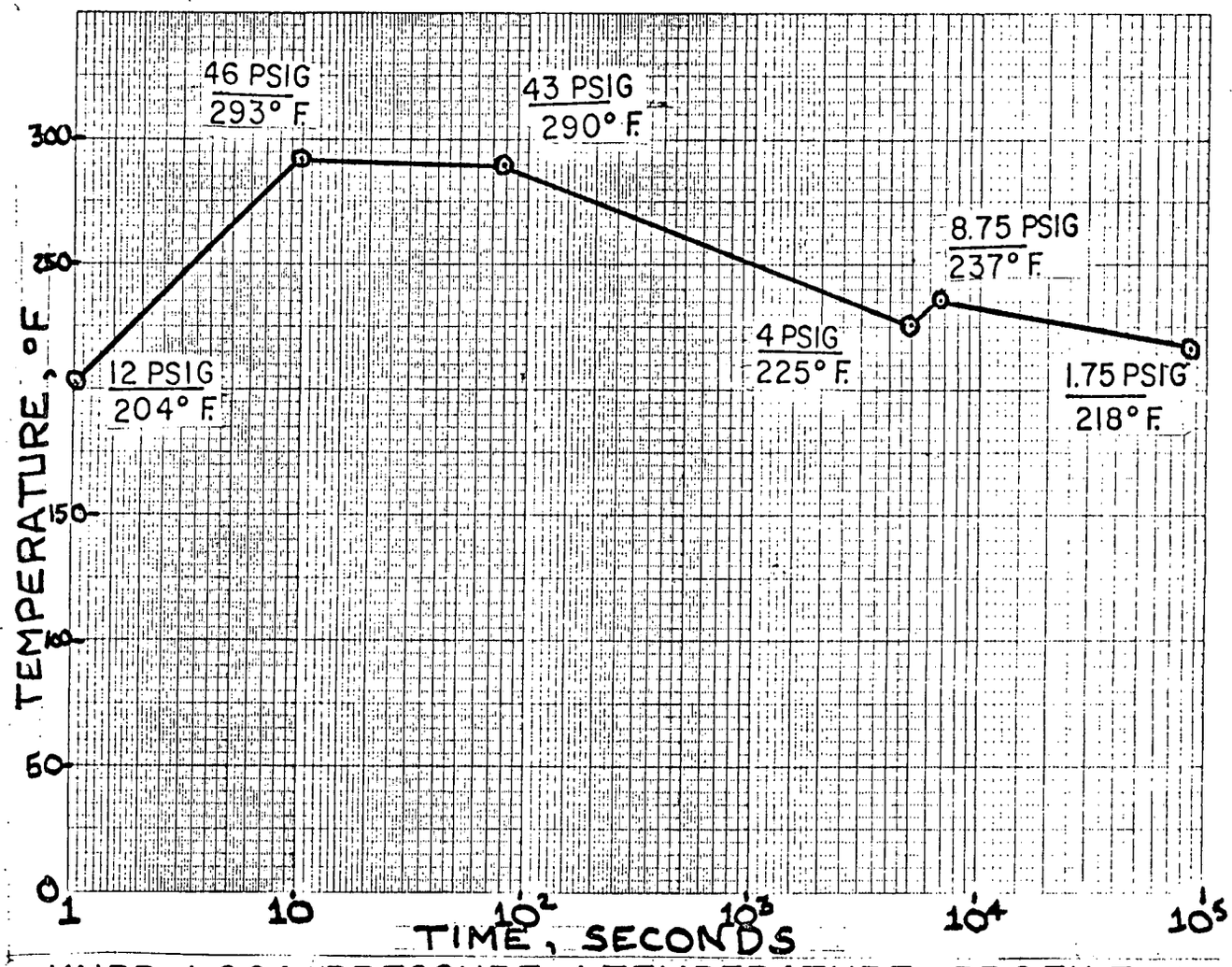
* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,R,CS,R)

NOTES:

E.A. = ENGINEERING ANALYSIS.
A) TESTED TO 270 F. THE ATTACHED SATURATION TEMPERATURE PROFILE EXCEEDS TEST TEMPERATURE FOR LESS THAN 5 MINUTES.



KNPP LOCA PRESSURE / TEMPERATURE PROFILE

SOURCE: FSAR FIG. 14.3-23 PLUS 9% MARGIN; SATURATION TEMPERATURE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MISCELLANEOUS	OPERATIONAL TIME	1 YEAR	1 YEAR	35	26,34	TEST/ANALY	NONE
PLANT ID NO: DGO-6	TEMPERATURE DEG. F.	293 234 (HELB)	270, NOTE A 270, NOTE A	1 111	34 34	SIMULT SIMULT	NONE
COMPONENT: ELEC. PENETRATION	PRESSURE PSIA	60.7 16.4 (HELB)	66.7 N/A	2,3 111	34 N/A	SIMULT N/A	NONE
MANUFACTURER: D. G. O'BRIEN							
MODEL NUMBER: I&C (PR-8)	RELATIVE HUMIDITY PCT	100% 100% (HELB)	100% 100%	2 111	34 34	SIMULT SIMULT	NONE
S/N PR-8							
FUNCTION: VARIOUS	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH N/A (HELB)	PH = 8.8 N/A	4,5,118 N/A	25 N/A	E.A. N/A	NONE
SERVICE: ELEC. CONNECTIONS	RADIATION RADS	5E7 GAMMA 2E6 BETA <1E5 GAMMA HELB	3E8 GAMMA >2E6 BETA 3E8 GAMMA	2,6,7,8 111,119	26,101 26,101	ANALYSIS ANALYSIS	NONE
LOCATION: RX BLDG & AUX BLDG	AGING	40 YEARS 40 YEARS (HELB)	>>40 YEARS >>40 YEARS	8 8	149 149	ANALYSIS ANALYSIS	NONE
FLOOD LEVEL ELEV: N/A, 609 (HELB) ABOVE FLOOD LEVEL: N/A, YES (HELB)	SUBMERGENCE	NOT REQUIRED NOT REQ (HELB)	N/A N/A	9 N/A	N/A N/A	N/A N/A	NONE

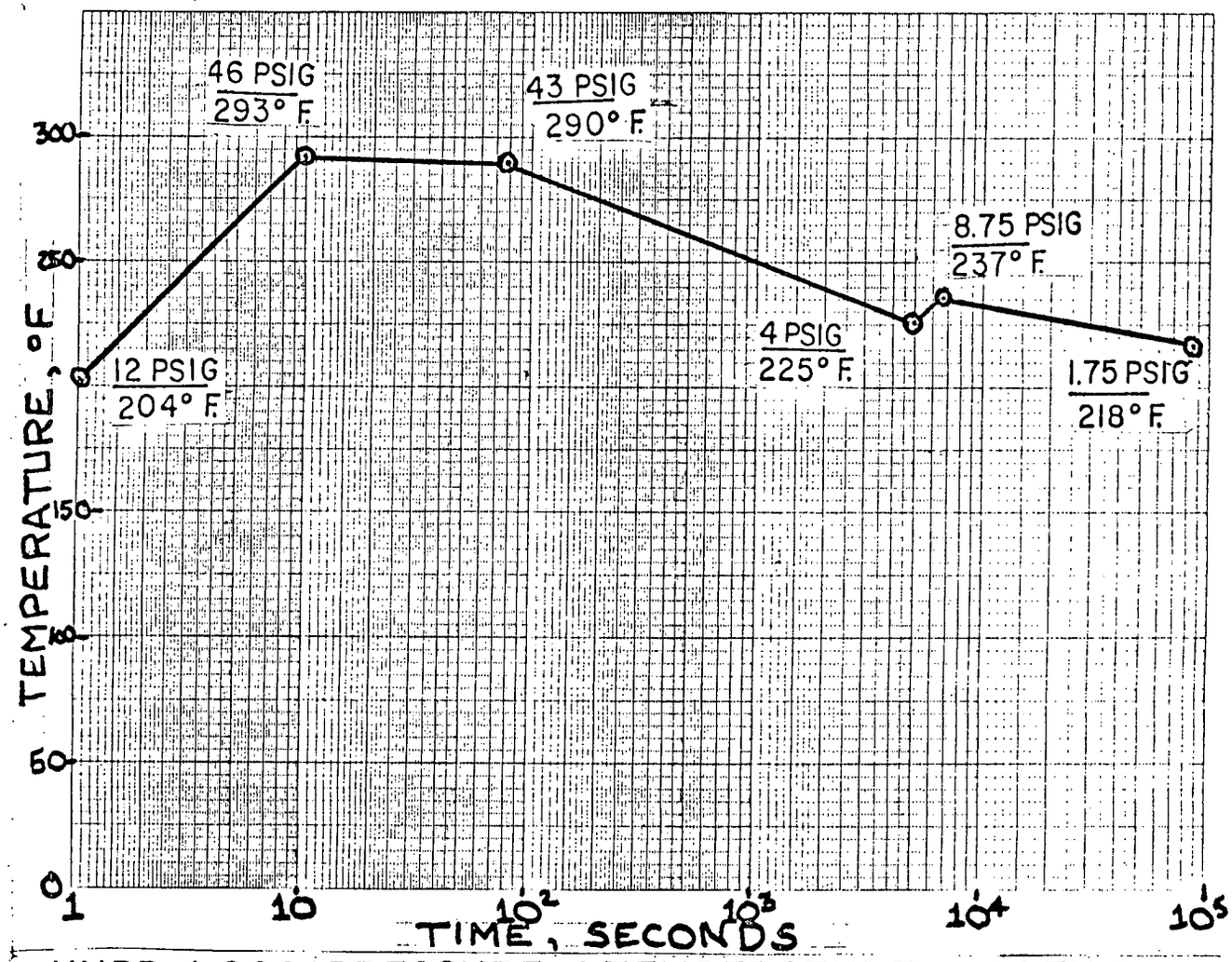
* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,B)
HELB YES (T,H)

NOTES:

E.A. = ENGINEERING ANALYSIS.
A) TESTED TO 270 F. THE ATTACHED SATURATION TEMPERATURE PROFILE EXCEEDS TEST TEMPERATURE FOR LESS THAN 5 MINUTES.



KNPP LOCA PRESSURE / TEMPERATURE PROFILE

SOURCE: FSAR FIG. 14.3-23 PLUS 9% MARGIN; SATURATION TEMPERATURE

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT	INSIDE PRIMARY CONTAINMENT	SYSTEM
1	OKONITE	OKO-1	OKONITE-OKOPRENE	CABLE	YES	MISCELLANEOUS
2	OKONITE	OKO-2	T-95	CABLE SPLICE AND TERMINATION KITS	YES	MISCELLANEOUS

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -I LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MISCELLANEOUS	OPERATIONAL TIME	1 YEAR	1 YEAR	35	11	TEST/ANALY	NONE
PLANT ID NO: CKO-1	TEMPERATURE DEG. F.	293	346	1	11	SIMULT	NONE
COMPONENT: CABLE	PRESSURE PSIA	60.7	74.7	2,3	11	SIMULT	NONE
MANUFACTURER: CKONITE							
MODEL NUMBER: CKONITE-OKOPRENE	RELATIVE HUMIDITY PCT	100%	100%	2	11	SIMULT	NONE
FUNCTION: VARIOUS	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 8.9	4,5,118	91,122	SIMULT	NONE
SERVICE: ELECTRICAL POWER	RADIATION RADS	5E7 GAMMA 2E6 BETA	5E7 GAMMA >2E6 BETA	2,6,7,8	11 101	TEST/ANALY	NONE
LOCATION: RX BLDG & AUX BLDG	AGING	40 YEARS	40 YEARS	2	11	TEST/ANAL	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: NO	SUBMERGENCE	REQUIRED	YES,NOTE A	9	91	SEQUENTIAL	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,R,S)

NOTES:

A) 18 MONTHS IN 90 C. WATER WHILE ENERGIZED.

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MISCELLANEOUS	OPERATIONAL TIME	1 YEAR	1 YEAR	35	126	TYPE TEST	NONE
PLANT ID NO: CKO-2	TEMPERATURE DEG. F.	293	345	1	126	SIMULT	NONE
COMPONENT: CABLE SPLICE AND TERMINATION KITS MANUFACTURER: CKONITE	PRESSURE PSIA	60.7	128	2,3	126	SIMULT	NONE
MODEL NUMBER: T-95	RELATIVE HUMIDITY PCT	100%	100%	2	126	SIMULT	NONE
FUNCTION: VARIOUS	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 30 WT % NACH	PH = 10.5 NOTE A	4,5,118	91,126	SIMULT	NONE
SERVICE: SPLICE PLUS TERMINATIONS	RADIATION RADS	5E7 GAMMA 2E6 BETA	2E8 GAMMA >2E6 BETA	2,6,7,8	126	TEST/ANALY	NONE
LOCATION: PX BLDG & AUX BLDG	AGING	40 YEARS	40 YEARS	8	126	TYPE TEST/ ANALYSIS	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: YES	SUBMERGENCE	REQUIRED	YES,NOTE B	9	98	TYPE TEST	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (T,P,H,CS,B)

NOTES:
B) 6 MONTHS

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT	INSIDE PRIMARY CONTAINMENT	SYSTEM
1	PENN CONTROLS	16230	A19EAF	TEMPERATURE SWITCH	NO	TURBINE BUILDING VENT
2	PENN CONTROLS	16231	A19EAF	TEMPERATURE SWITCH	NO	TURBINE BUILDING VENT

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -I LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: TURBINE BUILDING VENT	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 16230	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: TEMPERATURE SWITCH	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: PENN CONTROLS							
MODEL NUMBER: A19EAF	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: TURB BLDG FAN COIL UNIT 1A TS	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: TS-16230 UNIT 1BTS	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID C.1/8.9/588 TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELE NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

16230
TBV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: TURBINE BUILDING VENT	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 16231	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: TEMPERATURE SWITCH	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: PENN CONTROLS							
MODEL NUMBER: A19EAF	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: TURB BLDG FAN COIL UNIT 1B TS	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: TS-16231	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID F.9/8.9/588 TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
RELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

16231
TBV

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT	PRIMARY	INSIDE CONTAINMENT	SYSTEM
1	REDA PUMP	1-110	G443D35E-5	MOTOR/PUMP		NO	DIESEL GENERATOR MECHANICAL
2	REDA PUMP	1-139	G443D35P-5	MOTOR/PUMP		NO	DIESEL GENERATOR MECHANICAL

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: DIESEL GENERATOR MECHANICAL	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-110	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: MOTOR/PUMP	PRESSURE PSIA	13.5-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MANUFACTURER: REDA PUMP							
MODEL NUMBER: G443D35P-5	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: D/G OIL XFER PMP 1A SERVICE	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PROVIDE EMERGENCY SERVICE	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 119	N/A N/A	N/A N/A	NONE
LOCATION: GRID AE.3/4.5/586 OUTSIDE ADM BLDG	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

1-110
DG-MECH

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: DIESEL GENERATOR MECHANICAL	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-139	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: MOTOR/PUMP	PRESSURE PSIA	13.5-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MANUFACTURER: REDA PUMP							
MODEL NUMBER: G443D35P-5	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: D/G OIL XFER PMP 1B SERVICE	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PROVIDE EMERGENCY SERVICE	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 119	N/A N/A	N/A N/A	NONE
LOCATION: GRID AE.7/4.5/586 OUTSIDE ADM BLDG	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1-139
DG-MECH

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT PRIMARY	INSIDE CONTAINMENT	SYSTEM
1	RELIANCE	1-116	324TC2	MOTOR	NO	TURBINE BUILDING VENT
2	RELIANCE	1-118	324TC2	MOTOR	NO	TURBINE BUILDING VENT
3	RELIANCE	1-120	TYPE N	MOTOR	YES	REACTOR BUILDING VENTILATION
4	RELIANCE	1-121	TYPE N	MOTOR	YES	REACTOR BUILDING VENTILATION
5	RELIANCE	1-126	284-T	MOTOR	NO	AUX. BLDG. SPECIAL VENT
6	RELIANCE	1-127	284-T	MOTOR	NO	SHIELD BUILDING VENTILATION
7	RELIANCE	1-144		MOTOR	NO	AUX. BLDG. SPECIAL VENT
8	RELIANCE	1-145	284-T	MOTOR	NO	SHIELD BUILDING VENTILATION
9	RELIANCE	1-156	TYPE N	MOTOR	YES	REACTOR BUILDING VENTILATION
10	RELIANCE	1-157	TYPE N	MOTOR	YES	REACTOR BUILDING VENTILATION
11	RELIANCE	1-242	184 TD	MOTOR	NO	SERVICE WATER
12	RELIANCE	1-243	184 TD	MOTOR	NO	SERVICE WATER
13	RELIANCE	1-252	184 TD	MOTOR	NO	SERVICE WATER
14	RELIANCE	1-265	213-T	MOTOR	NO	CB-HVAC
15	RELIANCE	1-266	213-T	MOTOR	NO	CB-HVAC
16	RELIANCE	1-294	184 TD	MOTOR	NO	SERVICE WATER

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT	PRIMARY INSIDE CONTAINMENT	SYSTEM
17	RELIANCE	1-583	TYPE N	MOTOR	YES	REACTOR BUILDING VENTILATION
18	RELIANCE	1-584	TYPE N	MOTOR	YES	REACTOR BUILDING VENTILATION

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: TURBINE BUILDING VENT	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-116	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MANUFACTURER: RELIANCE							
MODEL NUMBER: 324TCZ	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: D/G RM VENT SUPPLY FAN 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: FAN DRIVER	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 119	N/A N/A	N/A N/A	NONE
LOCATION: GRID A.0/7.6/586 TURB BLDG	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO
HELB NC

NOTES:

A) SEE AGING PROGRAM DESCRIPTION

1-116
TBV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: TURBINE BUILDING VENT	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-118	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MANUFACTURER: RELIANCE							
MODEL NUMBER: 324TCZ	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: D/G RM VENT SUPPLY FAN 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: FAN DRIVER	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 119	N/A N/A	N/A N/A	NONE
LOCATION: GRID A.0/6.2/586 TURB BLDG	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION

1-118
TBV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR BUILDING VENTILATION	OPERATIONAL TIME	1 YEAR	1 YEAR	35	16	SIMULT	NONE
PLANT ID NO: 1-120	TEMPERATURE DEG. F.	293	300	1	16	SIMULT	NONE
COMPONENT: MOTOR	PRESSURE PSIA	60.7	89.7	2,3	16	SIMULT	NONE
MANUFACTURER: RELIANCE							
MODEL NUMBER: TYPE N	RELATIVE HUMIDITY PCT	100%	100%	2	16	SIMULT	NONE
FUNCTION: CONTAINMENT FAN COIL UNIT 1A	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 8.9 NOTE A	4,5,118	16,122	SIMULT/ CALC	NONE
SERVICE: FAN DRIVER	RADIATION RADS	5E7 GAMMA 2E6 BETA	1.9E8 GAMMA >2E6 BETA	2,6,7,8	16,101	ANALY	NONE
LOCATION: GRID /150/635 RX BLDG	AGING	40 YEARS	40 YEARS	8	16	SEPARATE	NONE
FLOOD LEVEL ELEV: 600'0" ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,B)

NOTES:

A) 4 PPM POTASSIUM HYDROXIDE, 0.1 WT% SODIUM HYDROXIDE, 1.0 WT% SODIUM THIOSULFATE, 10,000 PPM BORIC ACID.

1-120
RBV

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR BUILDING VENTILATION	OPERATIONAL TIME	1 YEAR	1 YEAR	35	16	SIMULT	NONE
PLANT ID NO: 1-121	TEMPERATURE DEG. F.	293	300	1	16	SIMULT	NONE
COMPONENT: MOTOR	PRESSURE PSIA	60.7	89.7	2,3	16	SIMULT	NONE
MANUFACTURER: RELIANCE							
MODEL NUMBER: TYPE N	RELATIVE HUMIDITY PCT	100%	100%	2	16	SIMULT	NONE
FUNCTION: CONTAINMENT FAN COIL UNIT 1A	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 8.9 NOTE A	4,5,118	16,122	SIMULT/ CALC	NONE
SERVICE: FAN DRIVER	RADIATION RADS	5E7 GAMMA 2E6 BETA	1.9E8 GAMMA >2E6 BETA	2,6,7,8	16,101	ANALY	NONE
LOCATION: GRID /270/606 RX BLDG	AGING	40 YEARS	40 YEARS	8	16	SEPARATE	NONE
FLOOD LEVEL ELEV: 600'0" ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,B)

NOTES:

A) 4 PPM POTASSIUM HYDROXIDE, 0.1 WT% SODIUM HYDROXIDE, 1.0 WT% SODIUM THIOSULFATE, 10,000 PPM BORIC ACID.

1-121
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	1 YEAR	2	130	TYPE TEST/ ANALYSIS	NONE
PLANT ID NO: 1-126	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: RELIANCE							
MODEL NUMBER: 284-T	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SV ZONE EXHAUST FAN 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: FAN MOTOR	RADIATION RADS	3.2E6	2E8	41	130	TYPE TEST/ ANALYSIS	NONE
LOCATION: GRID GW/7/657 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	130	ANALYSIS	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

1-126
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SHIELD BUILDING VENTILATION	OPERATIONAL TIME	1 YEAR	1 YEAR	35	130	TYPE TEST/ ANALYSIS	NONE
PLANT ID NO: 1-127	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: RELIANCE							
MODEL NUMBER: 284-T	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SBV RECIRC. FAN 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: FAN MOTOR	RADIATION RADS	1.2E6	2E8	41	130	TYPE TEST/ ANALYSIS	NONE
LOCATION: GRID GW.6/4.3/660 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	130	ANALYSIS	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

1-127
SBV

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: AUX. BLDG. SPECIAL VENT	OPERATIONAL TIME	1 YEAR	1 YEAR	2	130	TYPE TEST/ ANALYSIS	NONE
PLANT ID NO: 1-144	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: RELIANCE							
MODEL NUMBER:	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SV ZONE EXHAUST FAN 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: FAN MOTOR	RADIATION RADS	3.2E6	2E8	41	130	TYPE TEST/ ANALYSIS	NONE
LOCATION: GRID GW/7/657 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	130	ANALYSIS	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

1-144
ABSV

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: SHIELD BUILDING VENTILATION	OPERATIONAL TIME	1 YEAR	1 YEAR	35	130	TYPE TEST/ ANALYSIS	NONE
PLANT ID NO: 1-145	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: RELIANCE							
MODEL NUMBER: 284-T	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SBV RECIRC. FAN 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: FAN MOTOR	RADIATION RADS	1.2E6	2E8	41	130	TYPE TEST/ ANALYSIS	NONE
LOCATION: GRID GW.6/3.7/660 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	130	ANALYSIS	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (B)

NOTES:

1-145
SBV

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR BUILDING VENTILATION	OPERATIONAL TIME	1 YEAR	1 YEAR	35	16	SIMULT	NONE
PLANT ID NO: 1-156	TEMPERATURE DEG. F.	293	300	1	16	SIMULT	NONE
COMPONENT: MOTOR	PRESSURE PSIA	60.7	89.7	2,3	16	SIMULT	NONE
MANUFACTURER: RELIANCE							
MODEL NUMBER: TYPE N	RELATIVE HUMIDITY PCT	100%	100%	2	16	SIMULT	NONE
FUNCTION: CONTAINMENT FAN COIL UNIT 1B	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 8.9 NOTE A	4,5,118	16,122	SIMULT/ CALC	NONE
SERVICE: FAN DRIVER	RADIATION RADS	5E7 GAMMA 2E6 BETA	1.9E8 GAMMA >2E6 BETA	2,6,7,8	16,101	ANALY	NONE
LOCATION: GRID /130/606 RX BLDG	AGING	40 YEARS	40 YEARS	8	16	SEPARATE	NONE
FLOOD LEVEL ELEV: 600'0" ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,R)

NOTES:

A) 4 PPM POTASSIUM HYDROXIDE, 0.1 WT% SODIUM HYDROXIDE, 1.0 WT% SODIUM THIOSULFATE, 10,000 PPM BORIC ACID.

1-156
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR BUILDING VENTILATION	OPERATIONAL TIME	1 YEAR	1 YEAR	35	16	SIMULT	NONE
PLANT ID NO: 1-157	TEMPERATURE DEG. F.	293	300	1	16	SIMULT	NONE
COMPONENT: MOTOR	PRESSURE PSIA	60.7	89.7	2,3	16	SIMULT	NONE
MANUFACTURER: RELIANCE							
MODEL NUMBER: TYPE N	RELATIVE HUMIDITY PCT	100%	100%	2	16	SIMULT	NONE
FUNCTION: CONTAINMENT FAN COIL UNIT 1D	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 8.9 NOTE A	4,5,118	16,122	SIMULT/ CALC	NONE
SERVICE: FAN DRIVER	RADIATION RADS	5E7 GAMMA 2E6 BETA	1.9E8 GAMMA >2E6 BETA	2,6,7,8	16,101	ANALY	NONE
LOCATION: GRID /310/606 RX BLDG	AGING	40 YEARS	40 YEARS	8	16	SEPARATE	NONE
FLOOD LEVEL ELEV: 600'0" ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,R)

NOTES:

A) 4 PPM POTASSIUM HYDROXIDE, 0.1 WT% SODIUM HYDROXIDE, 1.0 WT% SODIUM THIOSULFATE, 10,000 PPM BORIC ACID.

1-157
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SERVICE WATER	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-242	TEMPERATURE DEG. F.	60-120	N/A	44	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: RELIANCE							
MODEL NUMBER: 184 TD	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: SW STRAINER 1A1 STRAINER	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: POWER SOURCE OF STRAINER	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID /5.8/586 SCREENHOUSE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1-242
SW

UNIT: KEWAUNEE

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SERVICE WATER	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-243	TEMPERATURE DEG. F.	60-120	N/A	44	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: RELIANCE							
MODEL NUMBER: 184 TD	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: SW STRAINER 1A2 STRAINER	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: POWER SOURCE OF STRAINER	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID /5.1/586 SCREENHOUSE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

1-243
SW

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SERVICE WATER	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-252	TEMPERATURE DEG. F.	60-120	N/A	44	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: RELIANCE							
MODEL NUMBER: 184 TD	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: MOTOR ON SW STRAINER 1E2	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: POWER SOURCE OF STRAINER	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: SCREENHOUSE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1-252
SW

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: CR-HVAC	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-265	TEMPERATURE DEG. F.	70-85 70-85 (HELB)	N/A N/A	40 40	N/A N/A	N/A N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	40 40	N/A N/A	N/A N/A	NONE
MANUFACTURER: RELIANCE							
MODEL NUMBER: 213-T	RELATIVE HUMIDITY PCT	10-40% 10-40% (HELB)	N/A N/A	40 40	N/A N/A	N/A N/A	NONE
FUNCTION: CR POST-ACC RECIRC FAN 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: FAN DRIVER	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 111,119	N/A N/A	N/A N/A	NONE
LOCATION: GRID G.5/8.0/651 AUX BLDG	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION

1-265
CRM-HVAC

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SERVICE WATER	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-294	TEMPERATURE DEG. F.	60-120	N/A	44	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: RELIANCE							
MODEL NUMBER: 184 TD	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: MOTOR ON SW STRAINER 1E1	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: POWER SOURCE OF STRAINER	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: SCREENHOUSE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELP NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

1-294
SW

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR BUILDING VENTILATION	OPERATIONAL TIME	1 YEAR	1 YEAR	35	16	SIMULT	NONE
PLANT ID NO: 1-583	TEMPERATURE DEG. F.	293	300	1	16	SIMULT	NONE
COMPONENT: MOTOR	PRESSURE PSIA	60.7	89.7	2,3	16	SIMULT	NONE
MANUFACTURER: RELIANCE							
MODEL NUMBER: TYPE N	RELATIVE HUMIDITY PCT	100%	100%	2	16	SIMULT	NONE
FUNCTION: CONTAINMENT DOME VENTILATION FAN 1A	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 8.9 NOTE A	4,5,118	16,122	SIMULT/ CALC	NONE
SERVICE: FAN DRIVER	RADIATION RADS	5E7 GAMMA 2E6 BETA	1.9E8 GAMMA >2E6 BETA	2,6,7,8	16,101	ANALY	NONE
LOCATION: GRID /170/649 RX BLDG	AGING	40 YEARS	40 YEARS	8	16	SEPARATE	NONE
FLOOD LEVEL ELEV: 600'0" ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,B)

NOTES:

A) 4 PPM POTASSIUM HYDROXIDE, 0.1 WT% SODIUM HYDROXIDE, 1.0 WT% SODIUM THIOSULFATE, 10,000 PPM BORIC ACID.

1-583
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR BUILDING VENTILATION	OPERATIONAL TIME	1 YEAR	1 YEAR	35	16	SIMULT	NONE
PLANT ID NO: 1-584	TEMPERATURE DEG. F.	293	300	1	16	SIMULT	NONE
COMPONENT: MOTOR	PRESSURE PSIA	60.7	89.7	2,3	16	SIMULT	NONE
MANUFACTURER: RELIANCE							
MODEL NUMBER: TYPE N	RELATIVE HUMIDITY PCT	100%	100%	2	16	SIMULT	NONE
FUNCTION: CONTAINMENT DOME VENTILATION FAN 1B	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NACH	PH = 8.9 NOTE A	4,5,118	16,122	SIMULT/ CALC	NONE
SERVICE: FAN DRIVER	RADIATION RADS	5E7 GAMMA 2E6 BETA	1.9E8 GAMMA >2E6 BETA	2,6,7,8	16,101	ANALY	NONE
LOCATION: GRID /350/649 RX BLDG	AGING	40 YEARS	40 YEARS	8	16	SEPARATE	NONE
FLOOD LEVEL ELEV: 600'0" ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,R)

NOTES:

A) 4 PPM POTASSIUM HYDROXIDE, 0.1 WT% SODIUM HYDROXIDE, 1.0 WT% SODIUM THIOSULFATE, 10,000 PPM BORIC ACID.

1-584
RBV

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT PRIMARY	INSIDE CONTAINMENT	SYSTEM
1	ECTRON	1-115	1505JH	MOTOR	NO	SHIELD BUILDING VENTILATION
2	ECTRON	1-147	1505JH	MOTOR	NO	SHIELD BUILDING VENTILATION

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SHIELD BUILDING VENTILATION	OPERATIONAL TIME	1 YEAR	1 YEAR	35	129	ANALYSIS	NONE
PLANT ID NO: 1-115	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ROTRON							
MODEL NUMBER: 1505JH	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SHIELD BUILDING VENT EXHAUST FAN 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: FAN MOTOR	RADIATION RADS	1.2E6	5.6E7	41	129	ANALYSIS	NONE
LOCATION: GRID GW.5/4.3/660 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	129	ANALYSIS	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

1-115
SBV

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SHIELD BUILDING VENTILATION	OPERATIONAL TIME	1 YEAR	1 YEAR	35	129	ANALYSIS	NONE
PLANT ID NO: 1-147	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: ROTRON							
MODEL NUMBER: 1505JH	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SHIELD BUILDING VENT EXHAUST FAN 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: FAN MOTOR	RADIATION RADS	1.2E6	5.6E7	41	129	ANALYSIS	NONE
LOCATION: GRID GW.6/3.7/660 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	129	ANALYSIS	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

1-147
SBV

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT PRIMARY	INSIDE CONTAINMENT	SYSTEM
1	SOLIDSTATE CONTROLS	1E-0544	SV12050	INVERTER BBB109	NO	D.C. AUXILIARIES/ EMERGENCY A.C.

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: D.C. AUXILIARIES/ EMERGENCY A.C.	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0544	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: INVERTER ERB109	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: SOLIDSTATE CONTROLS							
MODEL NUMBER: SV12050	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: 5KVA INVERTER	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: EMERGENCY POWER	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: TURB BLDG BATTERY RM B	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT	PRIMARY	INSIDE CONTAINMENT	SYSTEM
1	SORGEL ELECTRIC	1E-0540-A	75T3H	TRANSFORMER BRA-106		NO	D.C. AUXILIARIES/ EMERGENCY A.C.
2	SORGEL ELECTRIC	1E-0540-B	75T3H	TRANSFORMER BRB-106		NO	D.C. AUXILIARIES/ EMERGENCY A.C.

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: D.C. AUXILIARIES/ EMERGENCY A.C.	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0540-A	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: TRANSFORMER ERA-106	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MANUFACTURER: SORGEL ELECTRIC							
MODEL NUMBER: 75T3H	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: 75 KVA XFMR, 480-120/208V	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SAFEGUARD 125VDC/ 120VAC INSTR POWER	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 119	N/A N/A	N/A N/A	NONE
LOCATION: TURB BLDG BATTERY RM A	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: D.C. AUXILIARIES/ EMERGENCY A.C.	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0540-B	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: TRANSFORMER ERB-106	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MANUFACTURER: SORGEL ELECTRIC							
MODEL NUMBER: 75T3H	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: 75 KVA XFMR, 480-120/208V	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SAFEGUARD 125VDC/ 120VAC INSTR POWER	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 119	N/A N/A	N/A N/A	NONE
LOCATION: TURB BLDG BATTERY RM B	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:

LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT	PRIMARY INSIDE CONTAINMENT	SYSTEM
1	SOSTMAN CO.	15061	11834B-1	RTD	YES	REACTOR COOLANT
2	SOSTMAN CO.	15062	11834B-1	RTD	YES	REACTOR COOLANT
3	SOSTMAN CO.	15066	11834B-1	RTD	YES	REACTOR COOLANT
4	SOSTMAN CO.	15067	11834B-1	RTD	YES	REACTOR COOLANT
5	SOSTMAN CO.	15071	11834B-1	RTD	YES	REACTOR COOLANT
6	SOSTMAN CO.	15072	11834B-1	RTD	YES	REACTOR COOLANT
7	SOSTMAN CO.	15076	11834B-1	RTD	YES	REACTOR COOLANT
8	SOSTMAN CO.	15077	11834B-1	RTD	YES	REACTOR COOLANT

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR COOLANT	OPERATIONAL TIME	30 DAYS	30 DAYS	35	76,120	TEST/ANALY	NONE
PLANT ID NO: 15061	TEMPERATURE DEG. F.	239 120 (HELB)	320 N/A	1 114	76 N/A	TYPE TEST N/A	NONE
COMPONENT: BTD	PRESSURE PSIA	60.7 13.7-15.7 HELB	80.7 N/A	2,3 114	76 N/A	TYPE TEST N/A	NONE
MANUFACTURER: SOSTMAN CO.							
MODEL NUMBER: 11834B-1	RELATIVE HUMIDITY PCT	100% 10-80% (HELB)	100% N/A	2 113	76 N/A	TYPE TEST N/A	NONE
FUNCTION: RC COLD/HOT LEG TEMPERATURE	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH N/A (HELB)	PH = 8.85 N/A	4,5,118 N/A	76,121 N/A	TYPE TEST/ CALC N/A	NONE
SERVICE: TEMP. ELEMENT	RADIATION RADS	5E7 GAMMA 2E6 BETA 5E7 GAMMA, HELB	1E8 GAMMA >2E6 BETA 1E8 GAMMA	2,6,7,8 2,6,7,8,115	76,101 69,101	TEST/ANALY TEST/ANALY	NONE
LOCATION: GRID 32/261/619 BX BLDG	AGING	40 YEARS	40 YEARS	8	120	ANALYSIS	NONE
FLOOD LEVEL ELEV: 600' (N/A, HELB) ABOVE FLOOD LEVEL: YES, (N/A, HELB)	SUBMERGENCE	NOT REQUIRED NOT REQ (HELB)	N/A N/A	9 N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,E)
HELE YES (R)

NOTES:

15061
RC

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR COOLANT	OPERATIONAL TIME	30 DAYS	30 DAYS	35	76,120	TEST/ANALY	NONE
PLANT ID NO: 15062	TEMPERATURE DEG. F.	293 120 (HELB)	320 N/A	1 114	76 N/A	TYPE TEST N/A	NONE
COMPONENT: RTD	PRESSURE PSIA	60.7 13.7-15.7 HELB	80.7 N/A	2,3 114	76 N/A	TYPE TEST N/A	NONE
MANUFACTURER: SOSTMAN CO.							
MODEL NUMBER: 11834B-1	RELATIVE HUMIDITY PCT	100% 10-80% (HELB)	100% N/A	2 113	76 N/A	TYPE TEST N/A	NONE
FUNCTION: RC COLD/HOT LEG TEMPERATURE	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH N/A (HELB)	PH = 8.85 N/A	4,5,118 N/A	76,121 N/A	TYPE TEST/ CALC N/A	NONE
SERVICE: TEMP. ELEMENT	RADIATION RADS	5E7 GAMMA 2E6 BETA 5E7 GAMMA, HELB	1E8 GAMMA >2E6 BETA 1E8 GAMMA	2,6,7,8 2,6,7,8,115	76,101 69,101	TEST/ANALY TEST/ANALY	NONE
LOCATION: GRID 32/261/619 RX BLDG	AGING	40 YEARS	40 YEARS	8	120	ANALYSIS	NONE
FLOOD LEVEL ELEV: 600' (N/A, HELB) ABOVE FLOOD LEVEL: YES, (N/A, HELB)	SUBMERGENCE	NOT REQUIRED NOT REQ (HELB)	N/A N/A	9 N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (T,P,H,CS,R)
HELB YES (H)

NOTES:

15062
RC

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR COOLANT	OPERATIONAL TIME	30 DAYS	30 DAYS	35	76,120	TEST/ANALY	NONE
PLANT ID NO: 15066	TEMPERATURE DEG. F.	293 120 (HELB)	320 N/A	1 114	76 N/A	TYPE TEST N/A	NONE
COMPONENT: RTD	PRESSURE PSIA	60.7 13.7-15.7 HELB	80.7 N/A	2,3 114	76 N/A	TYPE TEST N/A	NONE
MANUFACTURER: SOSTMAN CO.							
MODEL NUMBER: 11834B-1	RELATIVE HUMIDITY PCT	100% 10-80% (HELB)	100% N/A	2 113	76 N/A	TYPE TEST N/A	NONE
FUNCTION: RC COLD/HOT LEG TEMPERATURE	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NACH N/A (HELB)	PH = 8.85 N/A	4,5,118 N/A	76,121 N/A	TYPE TEST/ CALC N/A	NONE
SERVICE: TEMP. ELEMENT	RADIATION RADS	5E7 GAMMA 2E6 BETA 5E7 GAMMA, BEIB	1E8 GAMMA >2E6 BETA 1E8 GAMMA	2,6,7,8 2,6,7,8,115	76,101 69,101	TEST/ANALY TEST/ANALY	NONE
LOCATION: GRID 29/253/620 RX BLDG	AGING	40 YEARS	40 YEARS	8	120	ANALYSIS	NONE
FLOOD LEVEL ELEV: 600' (N/A, HELB) ABOVE FLOOD LEVEL: YES, (N/A, HELB)	SUBMERGENCE	NOT REQUIRED NOT REQ (HELB)	N/A N/A	9 N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,B)
HELB YES (R)

NOTES:

15066
RC

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR COOLANT	OPERATIONAL TIME	30 DAYS	30 DAYS	35	76,120	TEST/ANALY	NONE
PLANT ID NO: 15067	TEMPERATURE DEG. F.	293 120 (HELB)	320 N/A	1 114	76 N/A	TYPE TEST N/A	NONE
COMPONENT: RTD	PRESSURE PSIA	60.7 13.7-15.7 HELB	80.7 N/A	2,3 114	76 N/A	TYPE TEST N/A	NONE
MANUFACTURER: SOSTMAN CO.							
MODEL NUMBER: 11834B-1	RELATIVE HUMIDITY PCT	100% 10-80% (HELB)	100% N/A	2 113	76 N/A	TYPE TEST N/A	NONE
FUNCTION: RC COLD/HOT LEG TEMPERATURE	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH N/A (HELB)	PH = 8.85 N/A	4,5,118 N/A	76,121 N/A	TYPE TEST/ CALC N/A	NONE
SERVICE: TEMP. ELEMENT	RADIATION RADS	5E7 GAMMA 2E6 BETA 5E7 GAMMA, HELB	1E8 GAMMA >2E6 BETA 1E8 GAMMA	2,6,7,8 2,6,7,8,115	76,101 69,101	TEST/ANALY TEST/ANALY	NONE
LOCATION: GRID 29/253/620 RX BLDG	AGING	40 YEARS	40 YEARS	8	120	ANALYSIS	NONE
FLOOD LEVEL ELEV: 600' (N/A, HELB) ABOVE FLOOD LEVEL: YES, (N/A, HELB)	SUBMERGENCE	NOT REQUIRED NOT REQ (HELB)	N/A N/A	9 N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,R)
HELB YES (R)

NOTES:

15067
RC

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR COOLANT	OPERATIONAL TIME	30 DAYS	30 DAYS	35	76,120	TEST/ANALY	NONE
PLANT ID NO: 15071	TEMPERATURE DEG. F.	293 120 (HELB)	320 N/A	1 114	76 N/A	TYPE TEST N/A	NONE
COMPONENT: RTD	PRESSURE PSIA	60.7 13.7-15.7 HELB	80.7 N/A	2,3 114	76 N/A	TYPE TEST N/A	NONE
MANUFACTURER: SOSTMAN CO.							
MODEL NUMBER: 118348-1	RELATIVE HUMIDITY PCT	100% 10-80% (HELB)	100% N/A	2 113	76 N/A	TYPE TEST N/A	NONE
FUNCTION: RC COLD/HOT LEG TEMPERATURE	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NACH N/A (HELB)	PH = 8.85 N/A	4,5,118 N/A	76,121 N/A	TYPE TEST/ CALC N/A	NONE
SERVICE: TEMP. ELEMENT	RADIATION RADS	5E7 GAMMA 2E6 BETA 5E7 GAMMA, HEIB	1E8 GAMMA >2E6 BETA 1E8 GAMMA	2,6,7,8 2,6,7,8,115	76,101 69,101	TEST/ANALY TEST/ANALY	NONE
LOCATION: GRID 38/54/619 RX BLDG	AGING	40 YEARS	40 YEARS	8	120	ANALYSIS	NONE
FLOOD LEVEL ELEV: 600' (N/A, HELB) ABOVE FLOOD LEVEL: YES, (N/A, HEIB)	SUBMERGENCE	NOT REQUIRED NOT REQ (HELB)	N/A N/A	9 N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (T,P,H,CS,R)
HELB YES (R)

NOTES:

15071
RC

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR COOLANT	OPERATIONAL TIME	30 DAYS	30 DAYS	35	76,120	TEST/ANALY	NONE
PLANT ID NO: 15072	TEMPERATURE DEG. F.	293 120 (HELB)	320 N/A	1 114	76 N/A	TYPE TEST N/A	NONE
COMPONENT: RTD	PRESSURE PSIA	60.7 13.7-15.7 HELB	80.7 N/A	2,3 114	76 N/A	TYPE TEST N/A	NONE
MANUFACTURER: SOSTMAN CO.							
MODEL NUMBER: 11834B-1	RELATIVE HUMIDITY PCT	100% 10-80% (HELB)	100% N/A	2 113	76 N/A	TYPE TEST N/A	NONE
FUNCTION: RC COLD/HOT LEG TEMPERATURE	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH N/A (HELB)	PH = 8.85 N/A	4,5,118 N/A	76,121 N/A	TYPE TEST/ CALC N/A	NONE
SERVICE: TEMP. ELEMENT	RADIATION RADS	5E7 GAMMA 2E6 BETA 5E7 GAMMA, HELB	1E8 GAMMA >2E6 BETA 1E8 GAMMA	2,6,7,8 2,6,7,8,115	76,101 69,101	TEST/ANALY TEST/ANALY	NONE
LOCATION: GRID 38/54/619 RX BLDG	AGING	40 YEARS	40 YEARS	8	120	ANALYSIS	NONE
FLOOD LEVEL ELEV: 600' (N/A, HELB) ABOVE FLOOD LEVEL: YES, (N/A, HELB)	SUBMERGENCE	NOT REQUIRED NOT REQ (HELB)	N/A N/A	9 N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (T,P,H,CS,B)
HELB YES (R)

NOTES:

15072
RC

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR COOLANT	OPERATIONAL TIME	30 DAYS	30 DAYS	35	76,120	TEST/ANALY	NONE
PLANT ID NO: 15076	TEMPERATURE DEG. F.	293 120 (HELB)	320 N/A	1 114	76 N/A	TYPE TEST N/A	NONE
COMPONENT: RTD	PRESSURE PSIA	60.7 13.7-15.7 HELB	80.7 N/A	2,3 114	76 N/A	TYPE TEST N/A	NONE
MANUFACTURER: SOSTMAN CO.							
MODEL NUMBER: 11834B-1	RELATIVE HUMIDITY PCT	100% 10-80% (HELB)	100% N/A	2 113	76 N/A	TYPE TEST N/A	NONE
FUNCTION: RC COLD/HOT LEG TEMPERATURE	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH N/A (HELB)	PH = 8.85 N/A	4,5,118 N/A	76,121 N/A	TYPE TEST/ CALC N/A	NONE
SERVICE: TEMP. ELEMENT	RADIATION RADS	5E7 GAMMA 2E6 BETA 5E7 GAMMA, HELB	1E8 GAMMA >2E6 BETA 1E8 GAMMA	2,6,7,8 2,6,7,8,115	76,101 69,101	TEST/ANALY TEST/ANALY	NONE
LOCATION: GRID 34/51/618 RX BLDG	AGING	40 YEARS	40 YEARS	8	120	ANALYSIS	NONE
FLOOD LEVEL ELEV: 600' (N/A, HELB) ABOVE FLOOD LEVEL: YES, (N/A, HELB)	SUBMERGENCE	NOT REQUIRED NOT REQ (HELB)	N/A N/A	9 N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (T,P,H,CS,B)
HELB YES (R)

NOTES:

15076
RC

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: REACTOR COOLANT	OPERATIONAL TIME	30 DAYS	30 DAYS	35	76,120	TEST/ANALY	NONE
PLANT ID NO: 15077	TEMPERATURE DEG. F.	293 120 (HELB)	320 N/A	1 114	76 N/A	TYPE TEST N/A	NONE
COMPONENT: RTD	PRESSURE PSIA	60.7 13.7-15.7 HELB	80.7 N/A	2,3 114	76 N/A	TYPE TEST N/A	NONE
MANUFACTURER: SOSTMAN CO.							
MODEL NUMBER: 11834B-1	RELATIVE HUMIDITY PCT	100% 10-80% (HELB)	100% N/A	2 113	76 N/A	TYPE TEST N/A	NONE
FUNCTION: RC COLD/HOT LEG TEMPERATURE	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH N/A (HELB)	PH = 8.85 N/A	4,5,118 N/A	76,121 N/A	TYPE TEST/ CALC N/A	NONE
SERVICE: TEMP. ELEMENT	RADIATION RADS	5E7 GAMMA 2E6 BETA 5E7 GAMMA, HEIB	1E8 GAMMA >2E6 BETA 1E8 GAMMA	2,6,7,8 2,6,7,8,115	76,101 69,101	TEST/ANALY TEST/ANALY	NONE
LOCATION: GRID 34/51/618 RX BLDG	AGING	40 YEARS	40 YEARS	8	120	ANALYSIS	NONE
FLOOD LEVEL ELEV: 600' (N/A, HELB) ABOVE FLOOD LEVEL: YES, (N/A, HELB)	SUBMERGENCE	NOT REQUIRED NOT REQ (HELB)	N/A N/A	9 N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (T,P,H,CS,R)
HELB YES (R)

NOTES:

15077
RC

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT PRIMARY	INSIDE CONTAINMENT	SYSTEM
1	SQUARE D	CCRAX-1-A	TYPE CO-2D	D/G 1A	NO	ACTIVE STATUS PANEL
2	SQUARE D	CCRAX-2-A	TYPE CO-2D	D/G 1B	NO	ACTIVE STATUS PANEL
3	SQUARE D	1E-0633	#4	480V MCC 1-52B (EXTENSION)	NO	480V SUPPLY & DISTRIBUTION
4	SQUARE D	1E-0634	#4	480V MCC 1-62B (EXTENSION)	NO	480V SUPPLY & DISTRIBUTION
5	SQUARE D	1E-0635	#4	480V MCC 1-62H (EXT. OF MCC 1-62E)	NO	480V SUPPLY & DISTRIBUTION

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL.	OUTSTANDING
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.	METHOD	ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: CCRAX-1-A	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: D/G 1A	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: SQUARE D							
MODEL NUMBER: TYPE CO-2D	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: PNEU. TIME DELAY RELAY	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: ADM BLDG D/G RM 1A	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

449100605
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: CCRAX-2-A	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: D/G 1B	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: SQUARE D							
MODEL NUMBER: TYPE CO-2D	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: PNEU. TIME DELAY RELAY	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: ADM BLDG D/G RM 1B	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HABSH:

LOCA NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

4491006CE
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: 480V SUPPLY & DISTRIBUTION	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0633	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: 480V MCC 1-52E (EXTENSION)	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: SQUARE D							
MODEL NUMBER: #4	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: 480V MOTOR CONTROL CENTERS	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SAFEGUARD 480V POWER DISTRIBUTION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID H.6/ /606 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HABSH:

LOCA NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: 480V SUPPLY & DISTRIBUTION	OPERATIONAL TIME	1 YEAR	10 YEARS NOTE A	35	72	TEST/ANALY	NONE
PLANT ID NO: 1E-0634	TEMPERATURE DEG. F.	60-120	122	37,39	72	TEST/ANALY	NONE
COMPONENT: 480V MCC 1-62E (EXTENSION)	PRESSURE PSIA	13.7-15.7	N/A	37	N/A	N/A	NONE
MANUFACTURER: SQUARE D							
MODEL NUMBER: #4	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,43	N/A	N/A	NONE
FUNCTION: 480V MOTOR CONTROL CENTERS	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SAFEGUARD 480V POWER DISTRIBUTION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID GG.4/ /606 AUX BLDG SV ZONE	AGING	40 YEARS	10 YEARS NOTE A	8	72	TEST/ANALY	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:

A) VENDOR HAS A CONTINUOUS AGING TEST PROGRAM TO EXTEND LIFE BEYOND 10 YEARS.

SYSTEM COMPONENT EVAIUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: 480V SUPPLY & DISTRIBUTION	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0635	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: 480V MCC 1-62H (EXT. OF MCC 1-62E)	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: SQUARE D							
MODEL NUMBER: #4	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: 480V MOTOR CONTROL CENTERS	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SAFEGUARD 480V POWER DISTRIBUTION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID G.8/ /586 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT	INSIDE CONTAINMENT PRIMARY	SYSTEM
1	TRANE	1-315		MOTOR	NO	CR-HVAC
2	TRANE	1-316		MOTOR	NO	CR-HVAC

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

SYSTEM COMPONENT EVALUATION WORKSHEET

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REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: CR-HVAC	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-315	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: TRANE							
MODEL NUMBER:	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: CR A/C COMP 1A & CRACS HEATER	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: COMPRESSOR DRIVER	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID G.4/8.3/651 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: CR-HVAC	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-316	TEMPERATURE DEG. F.	70-85 70-85 (HELB)	N/A N/A	40 40	N/A N/A	N/A N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	40 40	N/A N/A	N/A N/A	NONE
MANUFACTURER: TRANE							
MODEL NUMBER:	RELATIVE HUMIDITY PCT	10-40% 10-40% (HELB)	N/A N/A	40 40	N/A N/A	N/A N/A	NONE
FUNCTION: CR A/C COMP 1B & CRHCS HEATER	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: COMPRESSOR DRIVER	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 111,119	N/A N/A	N/A N/A	NONE
LOCATION: GRID G.5/8.3/651 AUX BLDG	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT	PRIMARY INSIDE CONTAINMENT	SYSTEM
1	UNITED ELECTRIC	16112	9759 (TYPE J7)	PRESSURE SWITCH	NO	MAIN STEAM
2	UNITED ELECTRIC	16113	9759 (TYPE J7)	PRESSURE SWITCH	NO	MAIN STEAM

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

SYSTEM COMPONENT EVALUATION WORKSHEET

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UNIT: KEWAUNEE

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EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MAIN STEAM	OPERATIONAL TIME	2 HOURS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 16112	TEMPERATURE DEG. F.	298	NOTE A	111	NOTE A	NOTE A	NONE
COMPONENT: PRESSURE SWITCH MANUFACTURER: UNITED ELECTRIC	PRESSURE PSIA	13.7-15.7	N/A	37,39,111	NOTE A	N/A	NONE
MODEL NUMBER: 9759 (TYPE J7)	RELATIVE HUMIDITY PCT	100%	NOTE A	111	NOTE A	NOTE A	NONE
FUNCTION: MN STM HDR 1A CONT RLF PS	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PS-16112	RADIATION RADS	NOTE A	NOTE A	41,111,112	NOTE A	NOTE A	NONE
LOCATION: GRID M.1/5N.3/621 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

HELB YES (Y,H)

NOTES:

A) NOT REQUIRED FOR MITIGATION OF THE HELB EVENT. MANUAL ENVIRONMENTALLY QUALIFIED SWITCHES ARE PROVIDED IN THE CONTROL ROOM IF THE POWER OPERATED RELIEF VALVES ARE DETERMINED TO BE NEEDED. THE SAFETY RELIEF VALVES PROVIDE ASSURANCE THAT OVERPRESSURIZATION DOES NOT OCCUR.

16112
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MAIN STEAM	OPERATIONAL TIME	2 HOURS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 16113	TEMPERATURE DEG. F.	60-104	N/A	111	NOTE A	NOTE A	NONE
COMPONENT: PRESSURE SWITCH MANUFACTURER: UNITED ELECTRIC	PRESSURE PSIA	13.7-15.7	N/A	37,38,111	N/A	N/A	NONE
MODEL NUMBER: 9759 (TYPE J7)	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	NOTE A	NOTE A	NONE
FUNCTION: MS HDR 1B CONT RLF PS	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PS-16113	RADIATION RADS	<1E5	N/A	112,119	N/A	N/A	NONE
LOCATION: GRID HE.8/4.2/621 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: 616'6" ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

HELB YES (T,H)

NOTES:

A) NOT REQUIRED FOR MITIGATION OF THE HELB EVENT. MANUAL ENVIRONMENTALLY QUALIFIED SWITCHES ARE PROVIDED IN THE CONTROL ROOM IF THE POWER OPERATED RELIEF VALVES ARE DETERMINED TO BE NEEDED. THE SAFETY RELIEF VALVES PROVIDE ASSURANCE THAT OVERPRESSURIZATION DOES NOT OCCUR.

16113
ES

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT	PRIMARY CONTAINMENT	INSIDE	SYSTEM
1	US ELECTRIC	1-164	213T	MOTOR		NO	AUX. BLDG. VENT
2	US ELECTRIC	1-183	213T	MOTOR		NO	AUX. BLDG. VENT
3	US ELECTRIC	1-317	256T	MOTOR		NO	CR-HVAC
4	US ELECTRIC	1-318	256T	MOTOR		NO	CR-HVAC

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. VENT	OPERATIONAL TIME	1 YEAR	1 YEAR	35	144	ANALYSIS	NONE
PLANT ID NO: 1-164	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: US ELECTRIC							
MODEL NUMBER: 213T	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: BASEMENT FAN COIL UNIT 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: FAN DRIVER	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID G.2/4.5/586 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	144	ANALYSIS	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:

1-164
ABV

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. VENT	OPERATIONAL TIME	1 YEAR	1 YEAR	35	144	ANALYSIS	NONE
PLANT ID NO: 1-183	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: US ELECTRIC							
MODEL NUMBER: 2131	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: EASEMENT FAN COIL UNIT 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: FAN DRIVER	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID G.5/4.1/586 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	144	ANALYSIS	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:

1-183
ABV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: CR-HVAC	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-317	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: US ELECTRIC							
MODEL NUMBER: 2561	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: CR FAN 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: FAN DRIVER	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID G.4/8.7/651 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION

1-317
CRM-HVAC

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: CR-HVAC	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-318	TEMPERATURE DEG. F.	70-85 70-85 (HELB)	N/A N/A	40 40	N/A N/A	N/A N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	40 40	N/A N/A	N/A N/A	NONE
MANUFACTURER: US ELECTRIC							
MODEL NUMBER: 256T	RELATIVE HUMIDITY PCT	10-40% 10-40% (HELB)	N/A N/A	40 40	N/A N/A	N/A N/A	NONE
FUNCTION: CR A/C FAN 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: FAN DRIVER	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 111,119	N/A N/A	N/A N/A	NONE
LOCATION: GRID G.4/8.7/651 AUX BLDG	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT	PRIMARY INSIDE CONTAINMENT	SYSTEM
1	VALCOR	33092	V52630-5292-17	SOLENOID VALVE	YES	PRIMARY SAMPLING
2	VALCOR	33327	V52630-5292-17	SOLENOID VALVE	NO	PRIMARY SAMPLING

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

SYSTEM COMPONENT EVALUATION WORKSHEET

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UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: PRIMARY SAMPLING	OPERATIONAL TIME	30 DAYS	6.2 YEARS	35	81	TYPE TEST	NONE
PLANT ID NO: 33092	TEMPERATURE DEG. F.	293	346	1	81	SIMULT	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	60.7	127.7	2,3	81	TYPE TEST	NONE
MANUFACTURER: VALCOR							
MODEL NUMBER: V52630-5292-17	RELATIVE HUMIDITY PCT	100%	100%	2	81	TYPE TEST	NONE
FUNCTION: CNTMT. ISOL. RC HOT LEG SAMPLING ISOL SV	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 9.5	4,5,118	81	TYPE TEST	NONE
SERVICE: ISOL VALVE	RADIATION RADS	5E7 GAMMA 2E6 BETA	2E8 GAMMA >2E6 BETA	2,6,8	81,101	SEQ/ANALY	NONE
LOCATION: GRID 34/58/624 RX BLDG	AGING	40 YEARS	40 YEARS	8	81	TYPE TEST	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	9	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (T,P,H,CS,B)

NOTES:

33092
PS

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
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UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: PRIMARY SAMPLING	OPERATIONAL TIME	30 DAYS	6.2 YEARS	35	81	TYPE TEST	NONE
PLANT ID NO: 33327	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: VALCOR							
MODEL NUMBER: V52630-5292-17	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CNTMT. ISOL. HOT LEG SAMPLING STOP SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ISOL VALVE	RADIATION RADS	1.2E5	2E8	41	81	TYPE TEST	NONE
LOCATION: GRID H.5/4.6/646 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	82	81	TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

33327
PS

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT PRIMARY	INSIDE CONTAINMENT	SYSTEM
1	WESTERN ENGINE	D/G-1A		DIESEL GENERATOR	NO	DIESEL GENERATOR MECHANICAL
2	WESTERN ENGINE	D/G-1B		DIESEL GENERATOR	NO	DIESEL GENERATOR MECHANICAL
3	WESTERN ENGINE	1E-0480	BUILT PER SPEC	CONTROL CABINET	NO	DIESEL GENERATOR MECHANICAL
4	WESTERN ENGINE	1E-0490	BUILT PER SPEC	CONTROL CABINET	NO	DIESEL GENERATOR MECHANICAL

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

SYSTEM COMPONENT EVAIUATION WORKSHEET

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EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: DIESEL GENERATOR MECHANICAL	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: D/G-1A	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: DIESEL GENERATOR	PRESSURE PSIA	13.5-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: WESTERN ENGINE							
MODEL NUMBER:	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: PRIME MOVER FOR EMERG. GENERATOR 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PROVIDE EMERGENCY SERVICE	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: ADM BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

D/G-1A
DG-MECH

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: DIESEL GENERATOR MECHANICAL	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: D/G-1B	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: DIESEL GENERATOR	PRESSURE PSIA	13.5-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: WESTERN ENGINE							
MODEL NUMBER:	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: PRIME MOVER FOR EMERG. GENERATOR 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PROVIDE EMERGENCY SERVICE	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: ADM BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

D/G-1E
DG-MECH

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: DIESEL GENERATOR MECHANICAL	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0480	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: CONTROL CABINET	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: WESTERN ENGINE							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: DR-101 DIESEL GEN CONT CAE 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ELECTRICAL CONTROL	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: ADM BLDG D/G RM 1A	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: DIESEL GENERATOR MECHANICAL	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0490	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: CONTROL CABINET	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: WESTERN ENGINE							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: DR-111 CONTROL & EXCITATION CABINET	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ELECTRICAL CONTROL	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: ADM BLDG D/G RM 1E	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

1	WESTINGHOUSE	1-020	5809-B	MOTOR	NO	SAFETY INJECTION
2	WESTINGHOUSE	1-021	504-US	MOTOR	NO	COMPONENT COOLING
3	WESTINGHOUSE	1-025	ABDR	MOTOR	NO	RESIDUAL HEAT REMOVAL
4	WESTINGHOUSE	1-027	5809-H	MOTOR	NO	SAFETY INJECTION
5	WESTINGHOUSE	1-028	504-US	MOTOR	NO	COMPONENT COOLING
6	WESTINGHOUSE	1-032	ABDP	MOTOR	NO	RESIDUAL HEAT REMOVAL
7	WESTINGHOUSE	1-036	218A	PUMP MOTOR PMP MOTOR	NO	AUX. FEEDWATER
8	WESTINGHOUSE	1E-0220	BUILT PER SPEC	RELAY PANEL	NO	RELAY ROOM LOCATED EQUIPMENT
9	WESTINGHOUSE	1E-0221	BUILT PER SPEC	RELAY PANEL	NO	RELAY ROOM LOCATED EQUIPMENT
10	WESTINGHOUSE	1E-0222	BUILT PER SPEC	RELAY PANEL	NO	RELAY ROOM LOCATED EQUIPMENT
11	WESTINGHOUSE	1E-0223	BUILT PER SPEC	RELAY PANEL	NO	RELAY ROOM LOCATED EQUIPMENT
12	WESTINGHOUSE	1E-0224	BUILT PER SPEC	RELAY PANEL	NO	RELAY ROOM LOCATED EQUIPMENT
13	WESTINGHOUSE	1E-0225	BUILT PER SPEC	RELAY PANEL	NO	RELAY ROOM LOCATED EQUIPMENT
14	WESTINGHOUSE	1E-0226	BUILT PER SPEC	RELAY PANEL	NO	RELAY ROOM LOCATED EQUIPMENT
15	WESTINGHOUSE	1E-0227	BUILT PER SPEC	RELAY PANEL	NO	RELAY ROOM LOCATED EQUIPMENT
16	WESTINGHOUSE	1E-0228	BUILT PER SPEC	RELAY PANEL	NO	RELAY ROOM LOCATED EQUIPMENT

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT PRIMARY	INSIDE CONTAINMENT	SYSTEM
17	WESTINGHOUSE	1E-0229	BUILT PER SPEC	RELAY PANEL	NO	RELAY ROOM LOCATED EQUIPMENT
18	WESTINGHOUSE	1E-0230	BUILT PER SPEC	RELAY PANEL	NO	RELAY ROOM LOCATED EQUIPMENT
19	WESTINGHOUSE	1E-0231	BUILT PER SPEC	RELAY PANEL	NO	RELAY ROOM LOCATED EQUIPMENT
20	WESTINGHOUSE	1E-0232	BUILT PER SPEC	RELAY PANEL	NO	RELAY ROOM LOCATED EQUIPMENT
21	WESTINGHOUSE	1E-0233	BUILT PER SPEC	RELAY PANEL	NO	RELAY ROOM LOCATED EQUIPMENT
22	WESTINGHOUSE	1E-0526-A	BUILT PER SPEC	INVERTERS (2) BRA-111 & BRA-112	NO	D.C. AUXILIARIES/ EMERGENCY A.C.
23	WESTINGHOUSE	1E-0526-B	BUILT PER SPEC	INVERTERS (2) BRB-111 & BRB-112	NO	D.C. AUXILIARIES/ EMERGENCY A.C.
24	WESTINGHOUSE	1E-0534-A	BUILT PER SPEC	INST BUS CABINET BRA-113	NO	D.C. AUXILIARIES/ EMERGENCY A.C.
25	WESTINGHOUSE	1E-0535-B	BUILT PER SPEC	INST BUS CABINET BRB-113	NO	D.C. AUXILIARIES/ EMERGENCY A.C.
26	WESTINGHOUSE	1E-0536-B	BUILT PER SPEC	INST BUS CABINET BRB-114	NO	D.C. AUXILIARIES/ EMERGENCY A.C.
27	WESTINGHOUSE	1E-0537-A	BUILT PER SPEC	INST BUS CABINET BRA-114	NO	D.C. AUXILIARIES/ EMERGENCY A.C.
28	WESTINGHOUSE	19432	OT2S01	CONTROL SWITCH FOR 1-201	NO	TURBINE BUILDING VENT
29	WESTINGHOUSE	19433	OT2	CONTROL SWITCH	NO	TURBINE BUILDING VENT
30	WESTINGHOUSE	19434	OT2	CONTROL SWITCH	NO	TURBINE BUILDING VENT

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT PRIMARY	INSIDE CONTAINMENT	SYSTEM
31	WESTINGHOUSE	19435	OT2	CONTROL SWITCH	NO	TURBINE BUILDING VENT
32	WESTINGHOUSE	19436	OT2	CONTROL SWITCH	NO	TURBINE BUILDING VENT
33	WESTINGHOUSE	19437	OT2	CONTROL SWITCH	NO	TURBINE BUILDING VENT
34	WESTINGHOUSE	19474	OT2B1M	PUSH BUTTON	NO	AUX. FEEDWATER
35	WESTINGHOUSE	19493	OT2	LOCAL CONTROL SWITCHES	NO	RESIDUAL HEAT REMOVAL
36	WESTINGHOUSE	19494	OT2	LOCAL CONTROL SWITCHES	NO	RESIDUAL HEAT REMOVAL
37	WESTINGHOUSE	19526	OT2	CONTROL SWITCH	NO	AUX. BLDG. VENT
38	WESTINGHOUSE	19527	OT2	CONTROL SWITCH	NO	AUX. BLDG. VENT
39	WESTINGHOUSE	19528	OT2T	CONTROL SWITCH	NO	AUX. BLDG. VENT
40	WESTINGHOUSE	19529	OT2	CONTROL SWITCH	NO	AUX. BLDG. VENT
41	WESTINGHOUSE	19530	OT2	CONTROL SWITCH	NO	AUX. BLDG. VENT
42	WESTINGHOUSE	19531	OT2	CONTROL SWITCH	NO	AUX. BLDG. VENT
43	WESTINGHOUSE	19556	OT2	LOCAL CONTROL SWITCHES	NO	RESIDUAL HEAT REMOVAL
44	WESTINGHOUSE	19557	OT2	LOCAL CONTROL SWITCHES	NO	RESIDUAL HEAT REMOVAL
45	WESTINGHOUSE	19565	OT2	CONTROL SWITCH	NO	TURBINE BUILDING VENT
46	WESTINGHOUSE	19566	OT2	CONTROL SWITCH	NO	TURBINE BUILDING VENT
47	WESTINGHOUSE	41000	VX-252/HX-252	INDICATORS	NO	CONTROL ROOM LOCATED EQUIPMENT

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT PRIMARY	INSIDE CONTAINMENT	SYSTEM
48	WESTINGHOUSE	46000	OT2/W-2	CONTROL SWITCHES SELECTOR SWITCHES	NO	CONTROL ROOM LOCATED EQUIPMENT
49	WESTINGHOUSE	46322	OT2	CONTROL SWITCH	NO	EMERGENCY PROCEDURE
50	WESTINGHOUSE	46323	OT2	CONTROL SWITCH	NO	EMERGENCY PROCEDURE
51	WESTINGHOUSE	71011	OT2E1A	PUSH BUTTON	NO	MAIN STEAM
52	WESTINGHOUSE	71012	OT2E1A	PUSH BUTTON	NO	MAIN STEAM
53	WESTINGHOUSE	71039	OT2E1A	PUSH BUTTON	NO	MAIN STEAM
54	WESTINGHOUSE	71040	OT2E1A	PUSH BUTTON	NO	MAIN STEAM

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -L LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SAFETY INJECTION	OPERATIONAL TIME	30 DAYS	1 YEAR	35	127	TYPE TEST	NONE
PLANT ID NO: 1-020	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	37,38 37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	37,38 37,38	N/A	N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: 5809-H	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	37,38,43 37,38,43	N/A	N/A	NONE
FUNCTION: SI PUMP 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PUMP MOTOR	RADIATION RADS	5.6E6 <1E5 (HELB)	2E8 NOTE 8	119 119	127 N/A	N/A	NONE
LOCATION: GRID H.2/5.7/586 AUX BLDG SW ZONE	AGING	40 YEARS 40 YEARS (HELB)	40 YEARS 40 YEARS	8 8	127 127	TYPE TEST TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:

LOCA YES(R)
HELB NO

NOTES:

1-020
SI

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: COMPONENT COOLING	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-021	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: 504-US	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: COMPONENT COOLING PUMP 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PUMP MOTOR	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID K.2/8.8/606 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

1-021
CC

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: RESIDUAL HEAT REMOVAL	OPERATIONAL TIME	1 YEAR	1 YEAR	41	131	TYPE TEST/ ANALYSIS	NONE
PLANT ID NO: 1-025	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: ABDP	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RHR PUMP 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PUMP MOTOR	RADIATION RADS	3E7	2E8	41	131	SEP. TEST	NONE
LOCATION: GRID J.5/6.5/586 AUX BLDG	AGING	40 YEARS	40 YEARS	8	131	TYPE TEST/ ANALYSIS	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

1-025
RHR

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SAFETY INJECTION	OPERATIONAL TIME	30 DAYS	1 YEAR	35	127	N/A	NONE
PLANT ID NO: 1-027	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	37,38 37,38	N/A N/A	N/A N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	37,38 37,38	N/A N/A	N/A N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: 5809-H	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	37,38,43 37,38,43	N/A N/A	N/A N/A	NONE
FUNCTION: SI PUMP 1E	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PUMP MOTOR	RADIATION RADS	5.6E6 <1E5 (HELB)	2E8 N/A	119 111,112,119	127 N/A	TYPE TEST N/A	NONE
LOCATION: GRID J.0/5.7/586 AUX BLDG SV ZONE	AGING	40 YEARS 40 YEARS (HELB)	40 YEARS 40 YEARS	8 8	127 127	TYPE TEST TYPE TEST	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)
HELB NO

NOTES:

1-027
SI

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: COMPONENT COOLING	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-028	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: 504-US	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: COMPONENT COOLING PUMP 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PUMP MOTOR	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID K.7/8.8/606 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1-028
CC

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: RESIDUAL HEAT REMOVAL	OPERATIONAL TIME	1 YEAR	1 YEAR	41	131	TYPE TEST/ ANALYSIS	NONE
PLANT ID NO: 1-032	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: ABDP	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RHR PUMP 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PUMP MOTOR	RADIATION RADS	3E7	2E8	41	131	SEP. TEST	NONE
LOCATION: GRID J.5/6.5/586 AUX BLDG	AGING	40 YEARS	40 YEARS	8	131	TYPE TEST/ ANALYSIS	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

1-032
RHR

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. FEEDWATER	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1-036	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44,111	N/A N/A	N/A N/A	NONE
COMPONENT: PUMP MOTOR EMP MOTOR	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44,111	N/A N/A	N/A N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: 218A	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 44	N/A N/A	N/A N/A	NONE
FUNCTION: AFW TURB DRIVE EMP AUX LUBE OIL	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PROVIDE EMERGENCY FEEDWATER	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	111,119 111,119	N/A N/A	N/A N/A	NONE
LOCATION: GRID D.9/8.6/586 TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A	N/A N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

1-036
AFW

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: RELAY ROOM LOCATED EQUIPMENT	OPERATIONAL TIME	1 YEAR	N/A	41	N/A	N/A	NONE
PLANT ID NO: 1E-0220	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: RELAY PANEL	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: RR121 REACTOR PROTECTION TRAIN B ACTUATION & CONTROL	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ENGINEERED SAFEGUARD & REACTOR PROTECTION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: RELAY ROOM	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: RELAY ROOM LOCATED EQUIPMENT	OPERATIONAL TIME	1 YEAR	N/A	41	N/A	N/A	NONE
PLANT ID NO: 1E-0221	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: RELAY PANEL	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: RR122 REACTOR PROTECTION TRAIN B ACTUATION & CONTROL	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ENGINEERED SAFEGUARD & REACTOR PROTECTION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: RELAY ROOM	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: RELAY ROOM LOCATED EQUIPMENT	OPERATIONAL TIME	1 YEAR	N/A	41	N/A	N/A	NONE
PLANT ID NO: 1E-0222	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: RELAY PANEL	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: ER123 REACTOR PROTECTION TRAIN B ACTUATION & CONTROL	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ENGINEERED SAFEGUARD & REACTOR PROTECTION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: RELAY ROOM	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

BARSH:

LOCA NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

1E-0222
RRM

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: RELAY ROOM LOCATED EQUIPMENT	OPERATIONAL TIME	1 YEAR	N/A	41	N/A	N/A	NONE
PLANT ID NO: 1E-0223	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: RELAY PANEL	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: BR124 REACTOR PROTECTION TRAIN B ACTUATION & CONTROL	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ENGINEERED SAFEGUARD & REACTOR PROTECTION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: RELAY ROOM	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: RELAY ROOM LOCATED EQUIPMENT	OPERATIONAL TIME	1 YEAR	N/A	41	N/A	N/A	NONE
PLANT ID NO: 1E-0224	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: RELAY PANEL	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: RR125 REACTOR PROTECTION TRAIN B ACTUATION & CONTROL	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ENGINEERED SAFEGUARD & REACTOR PROTECTION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: RELAY ROOM	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: RELAY ROOM LOCATED EQUIPMENT	OPERATIONAL TIME	1 YEAR	N/A	41	N/A	N/A	NONE
PLANT ID NO: 1E-0225	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: RELAY PANEL	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: RR126 ENG SAFEGUARD TRAIN B ACTUATION & CONTROL	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ENGINEERED SAFEGUARD & REACTOR PROTECTION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: RELAY ROOM	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1E-0225
RRM

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: RELAY ROOM LOCATED EQUIPMENT	OPERATIONAL TIME	1 YEAR	N/A	41	N/A	N/A	NONE
PLANT ID NO: 1E-0226	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: RELAY PANEL	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: BR127 ENG SAFEGUARD TRAIN B ACTUATION & CONTROL	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ENGINEERED SAFEGUARD & REACTOR PROTECTION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: RELAY ROOM	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: RELAY ROOM LOCATED EQUIPMENT	OPERATIONAL TIME	1 YEAR	N/A	41	N/A	N/A	NONE
PLANT ID NO: 1E-0227	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: RELAY PANEL	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: RR128 ENG SAFEGUARD TRAIN A ACTUATION & CONTROL	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ENGINEERED SAFEGUARD & REACTOR PROTECTION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: RELAY ROOM	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL.	OUTSTANDING
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.	METHOD	ITEMS
SYSTEM: RELAY ROOM LOCATED EQUIPMENT	OPERATIONAL TIME	1 YEAR	N/A	41	N/A	N/A	NONE
PLANT ID NO: 1E-0228	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: RELAY PANEL	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: BR129 ENG SAFEGUARD TRAIN A ACTUATION & CONTROL	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ENGINEERED SAFEGUARD & REACTOR PROTECTION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: RELAY ROOM	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

1E-0228
RRM

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: RELAY ROOM LOCATED EQUIPMENT	OPERATIONAL TIME	1 YEAR	N/A	41	N/A	N/A	NONE
PLANT ID NO: 1E-0229	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: RELAY PANEL	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: RR130 REACTOR PROTECTION TRAIN A ACTUATION & CONTROL	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ENGINEERED SAFEGUARD & REACTOR PROTECTION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: RELAY ROOM	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL.	OUTSTANDING
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.	METHOD	ITEMS
SYSTEM: RELAY ROOM LOCATED EQUIPMENT	OPERATIONAL TIME	1 YEAR	N/A	41	N/A	N/A	NONE
PLANT ID NO: 1E-0230	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: RELAY PANEL	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: RR131 REACTOR PROTECTION TRAIN A ACTUATION & CONTROL	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ENGINEERED SAFEGUARD & REACTOR PROTECTION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: RELAY ROOM	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1E-0230
RRM

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: RELAY ROOM LOCATED EQUIPMENT	OPERATIONAL TIME	1 YEAR	N/A	41	N/A	N/A	NONE
PLANT ID NO: 1E-0231	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: RELAY PANEL	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: RR132 REACTOR PROTECTION TRAIN A ACTUATION & CONTROL	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ENGINEERED SAFEGUARD & REACTOR PROTECTION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: RELAY ROOM	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: RELAY ROOM LOCATED EQUIPMENT	OPERATIONAL TIME	1 YEAR	N/A	41	N/A	N/A	NONE
PLANT ID NO: 1E-0232	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: RELAY PANEL	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: RR133 REACTOR PROTECTION TRAIN A ACTUATION & CONTROL	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ENGINEERED SAFEGUARD & REACTOR PROTECTION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: RELAY ROOM	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1E-0232
RRM

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: RELAY ROOM LOCATED EQUIPMENT	OPERATIONAL TIME	1 YEAR	N/A	41	N/A	N/A	NONE
PLANT ID NO: 1E-0233	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: RELAY PANEL	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: RR134 REACTOR PROTECTION TRAIN A ACTUATION & CONTROL	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ENGINEERED SAFEGUARD & REACTOR PROTECTION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: RELAY ROOM	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1E-0233
BRM

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: D.C. AUXILIARIES/ EMERGENCY A.C.	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0526-A	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: INVERTERS (2) BRA-111 & BRA-112 MANUFACTURER: WESTINGHOUSE	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: 7.5KVA, 1 PHASE INVERTERS I & IV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SAFEGUARD 125VDC/ 120VAC INSTR. POWER	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 119	N/A N/A	N/A N/A	NONE
LOCATION: TURB BLDG BATTERY RM A	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: D.C. AUXILIARIES/ EMERGENCY A.C.	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0526-B	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: INVERTERS (2) BRB-111 & BRB-112	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: 7.5KVA, 1 PHASE INVERTERS II & III	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SAFEGUARD 125VDC/ 120VAC INSTR. POWER	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 119	N/A N/A	N/A N/A	NONE
LOCATION: TURB BLDG BATTERY RM B	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1E-0526-B
DC-AUX

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: D.C. AUXILIARIES/ EMERGENCY A.C.	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0534-A	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: INST BUS CABINET ERA-113	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: 118 VAC DIST CAB INST BUS I	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SAFEGUARD 125VDC/ 120VAC INSTR. POWER	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 119	N/A N/A	N/A N/A	NONE
LOCATION: TURB BLDG BATTERY RM A	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1E-0534-A
DC-AUX

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: D.C. AUXILIARIES/ EMERGENCY A.C.	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0535-E	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: INST BUS CABINET BRB-113	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: 118 VAC DIST CAB INST BUS II	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SAFEGUARD 125VDC/ 120VAC INSTR. POWER	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 119	N/A N/A	N/A N/A	NONE
LOCATION: TURB BLDG BATTERY RM B	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: D.C. AUXILIARIES/ EMERGENCY A.C.	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0536-B	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: INST BUS CABINET BRB-114	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: 118 VAC DIST CAB INST BUS III	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SAFEGUARD 125VDC/ 120VAC INSTR. POWER	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 119	N/A N/A	N/A N/A	NONE
LOCATION: TURB BLDG BATTERY RM B	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: D.C. AUXILIARIES/ EMERGENCY A.C.	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 1E-0537-A	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
COMPONENT: INST BUS CABINET ERA-114 MANUFACTURER: WESTINGHOUSE	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44	N/A N/A	N/A N/A	NONE
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-80% 10-80% (HELB)	N/A N/A	43,44 43,44	N/A N/A	N/A N/A	NONE
FUNCTION: 118 VAC DIST CAB INST BUS IV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SAFEGUARD 125VDC/ 120VAC INSTR. POWER	RADIATION RADS	<1E5 <1E5 (HELB)	N/A N/A	119 119	N/A N/A	N/A N/A	NONE
LOCATION: TURB BLDG BATTERY RM A	AGING	NOTE A NOTE A (HELB)	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NOTE A NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A NOT REQ (HELB)	N/A N/A	N/A N/A	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:

LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL.	OUTSTANDING
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.	METHOD	ITEMS
SYSTEM: TURBINE BUILDING VENT	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 19432	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: CONTROL SWITCH FOR 1-201 MANUFACTURER: WESTINGHOUSE	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MODEL NUMBER: CT2S01	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: TB FAN COIL UNIT 1A ES	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ON-OFF SWITCH	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID C.2/8.8/586 TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: TURBINE BUILDING VENT	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 19433	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: CONTROL SWITCH	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: OT2	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: TB FAN COIL UNIT 1B ES (FOR 1-211)	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ON-OFF SWITCH	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID F.9/8.5/586 TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

19433
TBV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL.	OUTSTANDING
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.	METHOD	ITEMS
SYSTEM: TURBINE BUILDING VENT	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 19434	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: CONTROL SWITCH	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: CT2	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: TURB BLDG D/G FAN 1A ES (FOR 1-116)	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ON-OFF SWITCH	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID A.0/7.6/586 TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION

19434
TBV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: TURBINE BUILDING VENT	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 19435	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: CONTROL SWITCH	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTUBER: WESTINGHOUSE							
MODEL NUMBER: CT2	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: TURB BLDG D/G FAN 1B ES (FOB 1-118)	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CN-OFF SWITCH	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID A.0/6.2/586 TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:

LOCA NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION

19435
TBV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: TURBINE BUILDING VENT	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 19436	TEMPERATURE DEG. F.	60-120	N/A	44	N/A	N/A	NONE
COMPONENT: CONTROL SWITCH	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: CT2	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: SCREENHOUSE EXH FAN 1B (FCR 1-451)	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ON-OFF SWITCH	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID /6.1/595 SCREENHOUSE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION

19436
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SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL.	OUTSTANDING
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.	METHOD	ITEMS
SYSTEM: TURBINE BUILDING VENT	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 19437	TEMPERATURE DEG. F.	60-120	N/A	44	N/A	N/A	NONE
COMPONENT: CONTROL SWITCH	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: CT2	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: TB SCRNHSE EXH FAN 1B (FOR 1-452)	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CN-OFF SWITCH	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID /3.8/595 SCREENHOUSE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION

19437
TBV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. FEEDWATER	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 19474	TEMPERATURE DEG. F.	60-104	N/A	44,111	N/A	N/A	NONE
COMPONENT: PUSH BUTTON	PRESSURE PSIA	13.7-15.7	N/A	44,111	N/A	N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: CT2B1M	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: TURB DRIV AFW PMP AUX LUB OIL PMP EB	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ON-OFF SWITCH	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: GRID E.2/9.0/591 TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

19474
AFW

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: RESIDUAL HEAT REMOVAL	OPERATIONAL TIME	1 YEAR	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 19493	TEMPERATURE DEG. F.	65-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LOCAL CONTROL SWITCHES	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: CT2	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RHR PUMP 1A PIT CV ES	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ON-OFF SWITCH	RADIATION RADS	3E7	NOTE A	41	NOTE A	TYPE TEST	NONE
LOCATION: AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:
A) TO BE REPLACED WITH QUALIFIED MODEL (P.O.43908).

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: RESIDUAL HEAT REMOVAL	OPERATIONAL TIME	1 YEAR	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 19494	TEMPERATURE DEG. F.	65-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LOCAL CONTROL SWITCHES	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: CT2	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RHR PUMP 1B PIT CV ES	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ON-OFF SWITCH	RADIATION RADS	3E7	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:
A) TO BE REPLACED WITH QUALIFIED MODEL (P.O.43908).

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. VENT	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 19526	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: CONTROL SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: CT2	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: MEZZANINE FAN COIL UNIT 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CN-OFF SWITCH	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID H.8/8.3/610 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

19526
ABV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. VENT	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 19527	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: CONTROL SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: OT2	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: MEZZANINE FAN COIL UNIT 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ON-OFF SWITCH	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID H.8/8.3/616 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

19527
ABV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. VENT	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 19528	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: CONTROL SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: CT2T	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: BASEMENT FAN COIL UNIT 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ON-OFF SWITCH	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID G.1/4.6/590 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

19528
ABV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. VENT	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 19529	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: CONTROL SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: CT2	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: BASEMENT FAN COIL UNIT 1D	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CN-OFF SWITCH	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID G.1/4.8/590 AUX BLDG SV ZONE	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

19529
ABV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. VENT	OPERATIONAL TIME	1 YEAR	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 19530	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: CONTROL SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: OT2	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RHR PUMP PIT FAN COIL UNIT 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ON-OFF SWITCH	RADIATION RADS	3E7	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: GRID K/6.7/568 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

LOCA YES (R)

NOTES:

A) TO BE REPLACED WITH QUALIFIED SWITCH (P.O.43908).

19530
ABV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. VENT	OPERATIONAL TIME	1 YEAR	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 19531	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: CONTROL SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: CT2	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RHR PUMP PIT FAN COIL UNIT 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ON-OFF SWITCH	RADIATION RADS	3E7	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: GRID K/6.7/568 AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:
A) TO BE REPLACED WITH QUALIFIED SWITCH (P.O.43908).

19531
ABV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: RESIDUAL HEAT REMOVAL	OPERATIONAL TIME	1 YEAR	NOTE A	41	NOTE A	NOTE A	NONE
PLANT ID NO: 19556	TEMPERATURE DEG. F.	65-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LOCAL CONTROL SWITCHES	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: CT2	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RHR PUMP PIT SUMP PMP 1A ES	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: LOCAL SWITCH CONTROL	RADIATION RADS	3E7	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:

LOCA YES (R)

NOTES:

A) TO BE REPLACED WITH QUALIFIED MODEL (P.O.43908).

19556
RHR

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: RESIDUAL HEAT REMOVAL	OPERATIONAL TIME	1 YEAR	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 19557	TEMPERATURE DEG. F.	65-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LOCAL CONTROL SWITCHES MANUFACTURER: WESTINGHOUSE	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MODEL NUMBER: OT2	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RHR PUMP PIT SUMP PMP 1B ES	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: LOCAL CONTROL SWITCHES	RADIATION RADS	3E7	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: AUX BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:
A) TO BE REPLACED WITH QUALIFIED MODEL (P.O.43908).

19557
RHR

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: TURBINE BUILDING VENT	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 19565	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: CONTROL SWITCH	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: OT2	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: BATTERY RM FAN COIL UNIT 1A START/STOP FS (FOR 1-667)	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CN-OFF SWITCH	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID E.6/8.3/606 TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION

19565
TBV

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: TURBINE BUILDING VENT	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 19566	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: CONTROL SWITCH	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: OT2	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: BATTERY RM FAN COIL UNIT 1B START/STOP ES (FOR 1-668)	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ON-OFF SWITCH	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: GRID F.6/8.4/600 TURB BLDG	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION

19566
TBV

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: CONTROL ROOM LOCATED EQUIPMENT PLANT ID NO: 41000 COMPONENT: INDICATORS MANUFACTURER: WESTINGHOUSE MODEL NUMBER: VX-252/HX-252 FUNCTION: VARIED SERVICE: INDICATION LOCATION: CONTROL ROOM	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:

A) SEE AGING PROGRAM DISCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: CONTROL ROOM LOCATED EQUIPMENT	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 46000	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: CONTROL SWITCHES SELECTOR SWITCHES	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: CT2/W-2	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: VARIED	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: CONTROL ROOM	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DISCRIPTION.

46000
CRM

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: EMERGENCY PROCEDURE	OPERATIONAL TIME	1 YEAR	N/A	41	N/A	N/A	NONE
PLANT ID NO: 46322	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: CONTROL SWITCH	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: CT2	RELATIVE HUMIDITY PCT	10-40%	N/A	40,43	N/A	N/A	NONE
FUNCTION: AUX CLNT TO CS PMP MV 1A ES	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: CONTROL ROOM	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

46322
EP

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: EMERGENCY PROCEDURE	OPERATIONAL TIME	1 YEAR	N/A	41	N/A	N/A	NONE
PLANT ID NO: 46323	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: CONTROL SWITCH	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: OT2	RELATIVE HUMIDITY PCT	10-40%	N/A	40,43	N/A	N/A	NONE
FUNCTION: AUX CLNT TO CS PMP MV 1B ES	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	N/A	119	N/A	N/A	NONE
LOCATION: CONTROL ROOM	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

46323
EP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MAIN STEAM	OPERATIONAL TIME	2 HOURS	NOTE A	35	N/A	N/A	NONE
PLANT ID NO: 71011	TEMPERATURE DEG. F.	234	NOTE A	111	NOTE A	NOTE A	NONE
COMPONENT: PUSH BUTTON	PRESSURE PSIA	13.7-15.7	N/A	37,39,111	N/A	N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: CT2B1A	RELATIVE HUMIDITY PCT	100%	NOTE A	111	NOTE A	NOTE A	NONE
FUNCTION: MAIN STM HDR 1A ISOL VLV TRN A TEST TRIP PB	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: TEST SWITCH	RADIATION RADS	<1E5	N/A	112,119	N/A	N/A	NONE
LOCATION: GRID HE.0/4.0/623 AUX BLDG	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: 606'6" ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

HELB YES (T,H)

NOTES:

A) NOT REQUIRED FOR MITIGATION OF THE HELB EVENT. USED FOR TESTING ONLY. FAILURE WILL NOT CAUSE ISOLATION VALVE TO LEAVE ITS FAILSAFE POSITION.
B) SEE AGING PROGRAM DESCRIPTION.

71011
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MAIN STEAM	OPERATIONAL TIME	2 HOURS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 71012	TEMPERATURE DEG. F.	234	NOTE A	111	NOTE A	NOTE A	NONE
COMPONENT: PUSH BUTTON	PRESSURE PSIA	13.7-15.7	N/A	37,39,111	N/A	N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: CT2E1A	RELATIVE HUMIDITY PCT	100%	NOTE A	111	NOTE A	NOTE A	NONE
FUNCTION: MAIN STM HDR 1A ISOL VLV TRN B TEST TRIP PB	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: TEST SWITCH	RADIATION RADS	<1E5	N/A	111,112,119	N/A	N/A	NONE
LOCATION: GRID HE.0/4.0/623 AUX BLDG	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: 606'6" ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

HELB YES (T,H)

NOTES:

A) NOT REQUIRED FOR MITIGATION OF THE HELB EVENT. USED FOR TESTING ONLY. FAILURE WILL NOT CAUSE ISOLATION VALVE TO LEAVE ITS FAILSAFE POSITION.
B) SEE AGING PROGRAM DESCRIPTION.

71012
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MAIN STEAM	OPERATIONAL TIME	2 HOURS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 71039	TEMPERATURE DEG. F.	298	NOTE A	111	NOTE A	NOTE A	NONE
COMPONENT: PUSH BUTTON	PRESSURE PSIA	13.7-15.7	N/A	37,39,111	N/A	N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: OT2B1A	RELATIVE HUMIDITY PCT	100%	NOTE A	111	NOTE A	NOTE A	NONE
FUNCTION: MN STM HDR 1B ISOL VLV TRN A TEST TRIP PB	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: TEST SWITCH	RADIATION RADS	<1E5	N/A	111,112,119	N/A	N/A	NONE
LOCATION: GRID M.8/5N.2/623 AUX BLDG	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: 619' ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

HELB YES (T,H)

NOTES:

A) NOT REQUIRED FOR MITIGATION OF THE HELB EVENT. USED FOR TESTING ONLY. FAILURE WILL NOT CAUSE ISOLATION VALVE TO LEAVE ITS FAILSAFE POSITION.
B) SEE AGING PROGRAM DESCRIPTION.

71039
MS

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MAIN STEAM	OPERATIONAL TIME	2 HOURS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 71040	TEMPERATURE DEG. F.	298	NOTE A	111	NOTE A	NOTE A	NONE
COMPONENT: PUSH BUTTON	PRESSURE PSIA	13.7-15.7	N/A	37,39,111	N/A	N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: OT281A	RELATIVE HUMIDITY PCT	100%	NOTE A	111	NOTE A	NOTE A	NONE
FUNCTION: MN STM HDR 1B ISOL VLV TRN B TEST TRIP PB	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: TEST SWITCH	RADIATION RADS	<1E5	N/A	111,112,119	N/A	N/A	NONE
LOCATION: GRID M.8/5N.2/623 AUX BLDG	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
FLOOD LEVEL ELEV: 619' ABOVE FLOOD LEVEL: YES	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

HELB YES (T,H)

NOTES:

A) NOT REQUIRED FOR MITIGATION OF THE HELB EVENT. USED FOR TESTING ONLY. FAILURE WILL NOT CAUSE ISOLATION VALVE TO LEAVE ITS FAILSAFE POSITION.
B) SEE AGING PROGRAM DESCRIPTION.

71040
MS

MASTER LIST

AGING STUDY

PAGE NUMBER	MANUFACTDRER	PLANT ID. NUMBER	MODEL NUMBER	COMPONENT	PRIMARY CONTAINMENT	INSIDE	SYSTEM
1	WOODWARD GOVERNOR CO	MS-103	PG	GOVERNOR		NO	AUX. FEEDWATER

LEGEND: # ALSO IN EMERGENCY PROCEDURES; -A AUXILIARY CONTACT; -I LIMIT SWITCH; @ ALSO IN ACTIVE STATUS PANEL

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

03/30/82
REVISED 04/01/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. FEEDWATER	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
PLANT ID NO: MS-103	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: GOVERNOR	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: WOODWARD GOVERNOR CO							
MODEL NUMBER: EG	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: CONTROL TO AFWP TRIP & THROTTLE VLV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: TURBINE CONTROL	RADIATION RADS	<1E5	N/A	111,119	N/A	N/A	NONE
LOCATION: GRID D.9/8.9/590 TURB BLDG BSMT	AGING	NOTE A	NOTE A	NOTE A	NOTE A	NOTE A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

MS-103
AFW

BIBLIOGRAPHY

ATTACHMENT TO APRIL 1, 1982 SUBMITTAL

1) Letter to P. H. Mathews of WPSC from S. A. Varga of the NRC, dated 6/18/81, enclosure 1 (SER).

2) FSAR Section 7.5.

3) FSAR Section 14.3.4.

4) FSAR Questions and Answers Supplement, Question 6.13.1.

5) Letter to M. E. Stern of WPSC from C. E. Agan of Fluor Power Services, dated 2/3/78, along with attached test reports.

6) Letter to C. A. Schrock of WPSC from C. E. Agan of Fluor Power Services, dated 3/13/81, and attached tables.

7) Letter to C. A. Schrock of WPSC from C. E. Agan of Fluor Power Services, dated 7/17/81.

8) Letter to E. H. Mathews of WPSC from J. G. Keppler of the NRC, dated 1/16/80, enclosure 4 (IE Bulletin No.79-01E-EQB Guidelines).

9) Letter to R. A. Purple of the NRC from E. W. James of WPSC, dated 2/20/76.

10) Pioneer Service and Engineering Company, Vendor Certification and Testing.

11) The Okonite Company, Prototype Test, November 12, 1970, and Supplement (IEEE PAS-88), dated November 23, 1970.

12) EIW Rostrad Cables Report No. E901.

13) EIW Report No. E904, July 15, 1970.

14) Final Report F-C2737, The Franklin Institute Research Laboratories Misc. Certification.

15) WCAP 7410, Vol. II Westinghouse, Section 6.

16) Qualification Test - Joy Axivance/Reliance Electric Motor Company, April 29, 1969 - PO K-161, Section 6.

17) Chevron Oil Company letter, 3/14/73.

18) Limitorque Corporation letter, 2/6/74.

19) WCAP 7410-L, Final Report F-C2232-01.

20) WCAP 7410-L, Section 1: Post Accident Environmental Conditions

21) G. E., H. C. Lauroesch correspondence to J. King, Power Systems, August 7, 1978.

22) G. E., "Insulating Materials Product Data, 74010A Epoxy Resin plus 74010 Epoxy Catalyst," March 24, 1964, and effect of radiation on materials.

23) Letter from G. E. to A. Smith of NSP, dated 11/21/78, plus attachment.

24) D. G. O'Brien Report #C19QA053 W/EA letter dated 2/4/72.

25) EC K268 Book 5 KP-S-4641 letter dated 6/20/78.

26) EC K268 Book 5 EB 192 dated 2/21/72.

27) D. G. O'Brien Report #C19QA059 W/EA letter dated 3/2/72.

28) PS&E Engineering Acceptance CRDP Prototype S/N PR-7.

29) D. G. O'Brien Report #C19QA057.

30) EC K268 Book 5 letter dated 4/20/72.

31) D. G. O'Brien Report #C19QA049, W/Engr. Acceptance - NIS Prototype letter dated 4/4/72 from PS&E.

32) NIS Prototype letter, dated 4/4/72, from PS&E.

33) D. G. O'Brien Report #C19QA062 W/EA, letter dated 5/17/72.

34) D. G. O'Brien Report #C19QA054 W/EA, letter dated 1/28/72.

35) Based on maximum required operating time of associated components.

36) Based on maximum post-accident temperature in the auxiliary building.

37) System Description No. 17 - Auxiliary Bldg. Ventilation (ACA).

38) System Description No. 14 - Auxiliary Bldg. Special Ventilation (ASV).

39) Letter to C. A. Schrock of WPSC from C. E. Agan of FPS, dated 3/16/81.

40) System Description No. 25 - Control Room Air Conditioning (ACC).

41) "Design Review of Post-Accident Plant Shielding and Equipment Radiation Qualification" prepared by FPS under Project No. 23-7127-053, dated 2/13/81, updated by a letter to K. H. Weinhauer of WPSC from C. E. Agan of FPS, dated 3/30/81.

42) FIBI Report #F-C3271, February, 1972.

43) FSAR Section 2.

44) System Description No. 16 - Turbine Bldg. and Screen House Ventilation (TAV).

45) Based on maximum required operating time of other systems.

46) Based on maximum required operating time.

47) Conservative estimate for maximum time to receipt of containment isolation.

48) Westinghouse Shop Order 220, Specification 676258.

49) Letter dated May, 1973, from Limitorque to Pioneer Service Engineering Corporation.

50) Acme Cleveland Development Company Test Plan, dated Aug. 31,1977 , and Qualification of Namco EA-180, dated March 3, 1978.

51) WCAP 7744, Vol. 1, Sect. 5: Valve Motor Operators.

52) WCAP 7410-L, Vol. 1, Sect. 5: Valve Motor Operators & APP. D

53) FSAR Appendix H, Section 3.

54) FSAR Figures H.3-4, H.3-5.

55) Conservative estimate for maximum time to receipt of auto closure signal.

56) Not used.

57) Letter of May, 1978, Automatic Switch Company and Test Report #AQS21678/TR Rev. A.

58) WESC EC 158.

59) Fluor Power Services letter, FPS-5859, Dec. 31, 1980.

60) Pratt Company letter, 8/20/79, and letter to B. S. Brierley, WPSC, from J. A. Damato, Automatic Switch Company, dated 1/22/82.

61) Conservative estimate for required availability of containment spray.

62) EC K-198, Ingersoll Rand.

63) Joy Manufacturing Report X-411.

64) Limitorque Qualification Type Test Report, 12/9/75.

65) Conservative estimate for maximum alignment to final valve alignment.

66) Conservative estimate for maximum time for ECCS switchover to recirc.

67) Conservative estimate for required availability of SI system.

68) Johnson Service Co. letter to Mr. Bill Morini of WPSC, 8/30/73.

69) WCAP 8541, Seismic & Environmental Testing of Foxboro Transmitters, July, 1975.

70) FSAR Table 6.2-13.

71) WCAP 7410-L, Topical Report of Environmental Testing of Engineering Safety Features Related Equipment.

72) Square D Company, Environmental Qualification Report No. 108-1.02-LIA.

73) Based on reasonable time for operator action to trip feedwater pump.

74) EIW Report 903A.

75) EQF-8, GE Terminal Boards Qualification Report, dated 12/24/80.

76) WCAP 9157, Environmental Qualification of Safety Related Class 1E Process Instrumentation Topical Report.

77) WCAP 7744, Environmental Testing Topical Report.

78) PO K-272 specifications.

79) Acton Environmental Testing Corporation Test Report No. 9306 and Supplements.

80) Letter dated 7/24/72 from Magnetrol.

81) Qualification Test Report on SNUPPS Solenoid Valves, Valcor document number. QR 52600-5940-2, Rev. C, 4/17/81.

82) EC K-05555.

83) ITT Barton Product Catalog, Section 6.

84) EQF-18, Rotron Electrical Motors Qualification Report, dated 12/24/80.

85) Based on maximum required operating time of components cooled by fan coil units.

86) FSAR Table 14.3-13 (Venting Requirements and Venting Doses Without Pressure Increase).

87) Conservative estimate for the required indication period for the accident duration.

88) Acme-Cleveland test report of Namco Limit Switch, Model EA-170, dated March 17, 1978.

89) Barton Test Report B3-288A-1, October, 1979.

90) Barton Test Report BI-289A-8, Rev. 2, 9/13/81.

91) Class IE Cables for Nuclear Generating Stations IEE Trans. on Power Apparatus and Systems PAS-03 (61), August, 1974.

92) EDS Qualification of Electric Cable Calculation File No. 0910-2 05-Okonite-01.

93) FIBI Report #F-C3125, September, 1971.

94) EDS Calculation File No. 0910-205-BIW-01.

95) EDS Calculation File No. 0910-205-Kerite.

96) FIBL Report #F-C2737, April 15, 1970.

97) Kerite Company Report KPT-LVC-1 of April 13, 1977 (confidential and proprietary to the Kerite Company).

98) Okonite Company Test Procedure sent to Mr. Albrect, NSP, on April 20, 1978.

99) Okonite Company letter to NSP (A. Smith) 8/31/78.

100) Limitorque Nuclear Qualification Report EC058 and Supplement.

101) Letter to C. A. Schrock of WPSC from D. F. Wheeler of FPS, dated 10/12/81.

102) Limitorque Nuclear Qualification Report EC003.

103) Foxboro Product Engineering Report #81-105.

104) Letter to C. A. Schrock of WPSC from E. J. Charnoli of Fluor Power Services, dated 10/29/81.

105) Letter to C. A. Schrock of WPSC from C. F. Agan of Fluor Power Services (KPS-6554), dated October 30, 1981.

106) Letter to L. W. Price of WPSC from F. Kidd of Limitorque Corporation, dated November 13, 1981.

107) Letter to P. T. Trondson of WPSC from D. E. Cole of EDS, dated November 16, 1981, and Engineering Evaluation.

108) Required to supply service water to the containment fan coil units. These are required to operate for one year per reference #70.

109) Required for isolation. All air operated Isolation Valves are required to close within 10 seconds after signal. 30 minutes is a conservative specification.

110) Letter to C. A. Schrock of WPSC from C. F. Agan of Fluor Power Service (KPS-6570), dated December 3, 1981.

111) Letter to C. A. Schrock of WPSC from C. F. Agan of Fluor Power Service (KPS-6579), dated December 11, 1981, plus HEIE maps.

112) Letter to C. A. Schrock of WPSC from C. F. Agan of Fluor Power Service (KPS-6581), dated December 11, 1981.

113) Containment Humidity Levels, based on one (1) year operating experience.

114) System Description No.18 - Reactor Building Ventilation System.

115) Maximum Radiation Level for 40 year normal, plus LOCA event was used for conservatism.

116) Letter to C. A. Schrock of WPSC from C. F. Agan of Fluor Power Service (KPS-6585), dated December 21, 1981.

117) Harsh Environment HELB Calculation for BA Tank Transmitters by E. Schmieman, dated January 8, 1982.

118) Chemical Spray--Sodium Hydroxide Calculations.

119) Radiation Effects on Organic Materials in Nuclear Plants--EPRI NP-2129, November, 1981.

120) Evaluation of Sostman RTD's, EDS No. 0940-006-451.

121) PH Calculation for Sostman's RTD's.

122) PH Calculation for Chevron, Okonite, and Reliance.

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124) EQ-02 Thermal Aging and Radiation Evaluation of Fenwal Temperature Detectors.

125) Namco Limit Switch EDS No. 0940-006 EQ-06.

126) LOCA Qualification Report for Okoguard Insulated Cables and Splicing Tapes--Okonite Report No. NQFN-3.

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128) NUS 8606-M080-001 Environmental Qualification for Marathon Motors.

129) NUS 8606-R382-001 Environmental Qualification for Rotron Fan Motors.

130) NUS 8606-R165-001 Environmental Qualification for Reliance Motors.

131) NUS 8606-W120-001 Environmental Qualification for Westinghouse Motors.

132) NUS 8606-C332-001 Environmental Qualification for Chromalox Tintutular Elements.

133) NUS 8606-H260-001 Environmental Qualification for Honeywell Fire Sensors.

134) Barton 289A Operational Time Analysis.

135) Barton 288A Operational Time Analysis.

136) Barton 368 Operational Time Analysis.

137) Barton 332 Operational Time Analysis.

138) Foxboro Test Report No. T3-1097 (Radiation Test of E10 Series Amplifiers [SOAAF92]).

139) Foxboro Test Report No. T1-1059 (Seismic Vibration Testing of E10 Series Transmitters [SOAAF81]).

140) Foxboro Test Report No. C9-6005 (Maximum Credible Accident [MCA] Test on Differential & Gauge Pressure Transmitters [SCAAF80]).

141) Foxboro Test Report No. T3-1068 (Radiation Test of E10 Series Differential Pressure Transmitters of the MCA/BBW Type [SCAAF88]).

142) Foxboro Test Report No. T2-1075 (Radiation Test of E10 Series Differential Pressure Transmitter of the Standard Construction Type [SCAAF84]).

143) Foxboro Test Report No. T3-1091 (Seismic Vibration Test of E10 Series Transmitters [SOAAF91]).

144) NUS 8606-0150-001 Environmental Qualification for U.S.Electric Motors.

145) Raychem Test Reports.

146) Conax Test Reports.

147) Rosemount Interim Technical Manual.

148) Conax Test Reports.

149) D. G. O'Brien Aging Calculation.

150) Johnson Damper Motor Operator, Plant ID #32375, #32376, #32377.

151) Johnson Damper Motor Operator, Plant ID #32387.

152) Johnson Damper Motor Operator, Plant ID #32383.

153) Johnson Damper Motor Operator, Plant ID #32385.

154) Johnson Damper Motor Operator, Plant ID #32386.

155) Johnson Damper Motor Operator, Plant ID #32382, #32384.

156) Johnson Damper Motor Operator, Plant ID #32378, #32379, #32380.

157) EDS Report No. 04-0940-33 Radiation & Thermal Aging Evaluation of Safety Related Electrical Equipment, February 1982.

158) Magnetrol Level Detectors A-153-P, Plant ID #16695, 16696.