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AUTH.NAME AUTHOR AFFILIATION
GIESLER,C.W. Wisconsin Public Service Corp.
RECIP.NAME RECIPIENT AFFILIATION
VARGA,S.A. Operating Reactors Branch 1

SUBJECT: Forwards updated response to IE Bulletin 79-01B,"Environ Qualification of Class IE Equipment," Response reflects design changes implemented during 1982 refueling outage.

DISTRIBUTION CODE: A048S "Plb kept" COPIES RECEIVED:LTR 1 ENCL 3 SIZE: 600
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NRC-82-199

WISCONSIN PUBLIC SERVICE CORPORATION

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

November 18, 1982

Mr. Steven A. Varga, Chief
Operating Reactors Branch #1
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D.C. 20055

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 S. A. Varga of the NRC from C. W. Giesler of WPSC, dated June 30, 1982.

2) Letter to S. A. Varga of the NRC from E. R. Mathews of WPSC, dated April 1, 1982.

3) Letter to S. A. Varga of the NRC from C. W. Giesler of WPSC, dated November 15, 1982.

4) Letter to S. A. Varga of the NRC from C. W. Giesler of WPSC, dated August 2, 1982.

In our letter of June 30, 1982 (Reference 1), we informed you that all safety-related electrical equipment installed at the Kewaunee Nuclear Power Plant and identified under the original scope of IE Bulletin 79-01B was environmentally qualified. In order to accomplish this goal, several design changes were implemented during the 1982 refueling outage to relocate, modify or replace those items that could not be environmentally qualified. This submittal reflects all of these changes on the updated individual system component evaluation worksheets (SCEWS). In addition, a thorough review of our qualification documentation files has been made with various SCEWS being updated as appropriate.

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PDR ADOCK 05000305
Q PDR

A049 1/3 Limited Dist

It should be noted that the attached submittal incorporates the most recent data for all the components identified in our earlier submittls in response to IE Bulletin 79-01B (Reference 2). "Installed TMI Action Plan Items" are covered separately in our submittals of August 2 and November 15, 1982 (References 3 and 4).

Very truly yours,

Carl W. Giesler

C. W. Giesler
Vice President - Nuclear Power

jfj

Attach.

cc - Mr. Robert Nelson, NRC Resident Inspector

Mr. J. G. Keppler, Reg. Adm. US NRC Region III

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cc - Mr. Robert Nelson, NRC Resident Inspector

Mr. J. G. Keppler, Reg. Adm. US NRC Region III

WISCONSIN PUBLIC SERVICE CORPORATION
KEWAUNEE NUCLEAR POWER PLANT

ENVIRONMENTAL QUALIFICATION OF
ELECTRICAL EQUIPMENT
IE BULLETIN 79-01B

UPDATE

SUBMITTED NOVEMBER 18, 1982

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8211230041

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CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
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	NO
AUX. BLDG. SPECIAL VENT	ASCO	33428	LOCA	YES (R)
AUX. BLDG. SPECIAL VENT	ASCO	33435	HELB	NO
AUX. BLDG. SPECIAL VENT	ASCO	33446	HELB	NO
AUX. BLDG. SPECIAL VENT	ASCO	33449	HELB	NO
AUX. BLDG. SPECIAL VENT	BRIGGS ELECTRIC	1E-0575	HELB	NO
AUX. BLDG. SPECIAL VENT	BRIGGS ELECTRIC	1E-0576	HELB	NO
AUX. BLDG. SPECIAL VENT	CHROMALOX	1-449	LOCA	YES (R)

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
AUX. BLDG. SPECIAL VENT	CHROMALOX	1-450	LOCA	YES (R)
AUX. BLDG. SPECIAL VENT	FENWAL	FEN-3	LOCA	YES (R)
AUX. BLDG. SPECIAL VENT	FENWAL	FEN-4	LOCA	YES (R)
AUX. BLDG. SPECIAL VENT	FOXBORO	1E-0577	HELB	NO
AUX. BLDG. SPECIAL VENT	FOXBORO	1E-0578	HELB	NO
AUX. BLDG. SPECIAL VENT	FOXBORO	1E-0579	HELB	NO
AUX. BLDG. SPECIAL VENT	FOXBORO	1E-0580	HELB	NO
AUX. BLDG. SPECIAL VENT	FOXBORO	15254	HELB	NO
AUX. BLDG. SPECIAL VENT	FOXBORO	15255	HELB	NO
AUX. BLDG. SPECIAL VENT	FOXBORO	15256	HELB	NO
AUX. BLDG. SPECIAL VENT	FOXBORO	15257	HELB	NO
AUX. BLDG. SPECIAL VENT	FOXBORO	15258	HELB	NO
AUX. BLDG. SPECIAL VENT	FOXBORO	15259	HELB	NO
AUX. BLDG. SPECIAL VENT	FOXBORO	15263	HELB	NO
AUX. BLDG. SPECIAL VENT	FOXBORO	15264	HELB	YES (T,H)
AUX. BLDG. SPECIAL VENT	FOXBORO	15265	HELB	YES (T,H)
AUX. BLDG. SPECIAL VENT	FOXBORO	15266	HELB	NO

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
AUX. BLDG. SPECIAL VENT	FOXBORO	15267	HELB	NO
AUX. BLDG. SPECIAL VENT	FOXBORO	15268	HELB	NO
AUX. BLDG. SPECIAL VENT	FOXBORO	15269	HELB	NO
AUX. BLDG. SPECIAL VENT	FOXBORO	15272	HELB	NO
AUX. BLDG. SPECIAL VENT	FOXBORO	15273	HELB	YES (T,H)
AUX. BLDG. SPECIAL VENT	FOXBORO	15274	HELB	NO
AUX. BLDG. SPECIAL VENT	FOXBORO	15275	HELB	NO
AUX. BLDG. SPECIAL VENT	FOXBORO	15276	HELB	NO
AUX. BLDG. SPECIAL VENT	FOXBORO	15277	HELB	NO
AUX. BLDG. SPECIAL VENT	FOXBORO	15279	HELB	YES (T,H)
AUX. BLDG. SPECIAL VENT	FOXBORO	15280	HELB	NO
AUX. BLDG. SPECIAL VENT	FOXBORO	15281	HELB	NO
AUX. BLDG. SPECIAL VENT	FOXBORO	15282	HELB	NO
AUX. BLDG. SPECIAL VENT	FOXBORO	15283	HELB	NO
AUX. BLDG. SPECIAL VENT	FOXBORO	15284	HELB	NO
AUX. BLDG. SPECIAL VENT	FOXBORO	15285	HELB	NO
AUX. BLDG. SPECIAL VENT	FOXBORO	15286	HELB	NO

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
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)
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)

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
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
AUX. BLDG. SPECIAL VENT	JOHNSON	33271	LOCA	YES (R)
AUX. BLDG. SPECIAL VENT	JOHNSON	33328	LOCA	YES (R)
AUX. BLDG. SPECIAL VENT	JOHNSON	33329	LOCA	YES (R)
AUX. BLDG. SPECIAL VENT	JOHNSON	33366	LOCA	YES (R)
AUX. BLDG. SPECIAL VENT	JOHNSON	33433	HELB	YES (T,H)
AUX. BLDG. SPECIAL VENT	JOHNSON	33434	HELB	NO
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
AUX. BLDG. SPECIAL VENT	JOHNSON	33443	HELB	NO

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SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
AUX. BLDG. SPECIAL VENT	JOHNSON	33444	HELB	NO
AUX. BLDG. SPECIAL VENT	JOHNSON	33445	HELB	NO
AUX. BLDG. SPECIAL VENT	JOHNSON	33447	HELB	NO
AUX. BLDG. SPECIAL VENT	JOHNSON	33448	HELB	NO
AUX. BLDG. SPECIAL VENT	JOHNSON	33450	HELB	NO
AUX. BLDG. SPECIAL VENT	JOHNSON	33451	HELB	NO
AUX. BLDG. SPECIAL VENT	JOHNSON	33452	HELB	YES (T,H)
AUX. BLDG. SPECIAL VENT	JOHNSON	33453	HELB	YES (T,H)
AUX. BLDG. SPECIAL VENT	NAMCO	34010-L	LOCA	YES (R)
AUX. BLDG. SPECIAL VENT	NAMCO	34013-L	LOCA	YES (R)
AUX. BLDG. SPECIAL VENT	NAMCO	34014-L	LOCA	YES (R)
AUX. BLDG. SPECIAL VENT	NAMCO	34015-L	LOCA	YES (R)
AUX. BLDG. SPECIAL VENT	RELIANCE	1-126	LOCA	YES (R)
AUX. BLDG. SPECIAL VENT	RELIANCE	1-144	LOCA	YES (R)
AUX. BLDG. VENT	ASCO	33302	LOCA	NO
AUX. BLDG. VENT	ASCO	33303	LOCA	YES (R)
AUX. BLDG. VENT	ASCO	33304	LOCA	YES (R)
AUX. BLDG. VENT	ASCO	33307	LOCA	NO
AUX. BLDG. VENT	ASCO	33308	LOCA	NO

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
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	RELIANCE	1-298	LOCA	YES (R)
AUX. BLDG. VENT	RELIANCE	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. FEEDWATER	ALLIS CHALMERS	1-024	LOCA HELB	NO NO
AUX. FEEDWATER	ALLIS CHALMERS	1-031	LOCA HELB	NO NO
AUX. FEEDWATER	ALLIS CHALMERS	1-280	LOCA HELB	NO NO
AUX. FEEDWATER	ALLIS CHALMERS	1-281	LOCA HELB	NO NO
AUX. FEEDWATER	ASCO	33323	LOCA HELB	NO NO
AUX. FEEDWATER	ASCO	33324	LOCA	NO
AUX. FEEDWATER	ASHCROFT	16085	HELB	NO
AUX. FEEDWATER	ASHCROFT	16114	HELB	NO
AUX. FEEDWATER	ASHCROFT	16937	HELB	NO
AUX. FEEDWATER	LIMITORQUE	32027	LOCA HELB	NO NO
AUX. FEEDWATER	LIMITORQUE	32028	LOCA HELB	NO NO

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
AUX. FEEDWATER	LIMITORQUE	32040	LOCA HELB	NO NO
AUX. FEEDWATER	WESTINGHOUSE	1-036	LOCA HELB	NO NO
AUX. FEEDWATER	WESTINGHOUSE	19474	HELB	NO
AUX. FEEDWATER	WOODWARD GOVERNOR CO	MS-103	HELB	NO
BLOWDOWN TREATMENT	CONAX	CON-14B	LOCA	YES (T,P,H,CS,R)
BLOWDOWN TREATMENT	CONAX	CON-15B	LOCA	YES (T,P,H,CS,R)
COMPONENT COOLING	LIMITORQUE	32082	LOCA	YES (R)
COMPONENT COOLING	LIMITORQUE	32083	LOCA	NO
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	NO
CR-HVAC	AGASTAT	62-2/1-318	LOCA	NO
CR-HVAC	ALLIS CHALMERS	1-463	LOCA	NO

CROSS REFERENCE BY SYSTEM

LISTING DATE 11/17/82
UPDATED 11/16/82

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
CR-HVAC	ALLIS CHALMERS	1-464	LOCA	NO
			HELB	NO
CR-HVAC	ASCO	33641	LOCA	NO
			HELB	NO
CRM-HVAC	BARNES	1E-0562	HELB	YES (T,H)
CR-HVAC	JOHNSON	32143	LOCA	NO
CR-HVAC	JOHNSON	32144	LOCA	NO
			HELB	NO
CR-HVAC	JOHNSON	32367	LOCA	NO
CR-HVAC	JOHNSON	32368	LOCA	NO
CR-HVAC	JOHNSON	32370	LOCA	NO
			HELB	NO
CR-HVAC	JOHNSON	32371	LOCA	NO
			HELB	NO
CR-HVAC	JOHNSON	32374	LOCA	NO
CR-HVAC	JOHNSON	33094	LOCA	NO
			HELB	NO
CR-HVAC	RELIANCE	1-265	LOCA	NO
			HELB	NO
CR-HVAC	RELIANCE	1-266	LOCA	NO
			HELB	NO
CR-HVAC	TRANE	1-315	LOCA	NO
CR-HVAC	TRANE	1-316	LOCA	NO
			HELB	NO
CR-HVAC	US ELECTRIC	1-317	LOCA	NO
CR-HVAC	US ELECTRIC	1-318	LOCA	NO
			HELB	NO
CHEMICAL & VOL. CONTROL	ASCO	33193	LOCA	YES (R)
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)

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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	CONAX	CON-09B	LOCA	YES (T,P,H,CS,R)
CHEMICAL & VOL. CONTROL	CONAX	CON-10B	LOCA	YES (T,P,H,CS,R)
CHEMICAL & VOL. CONTROL	CONAX	CON-11B	LOCA	YES (T,P,H,CS,R)
CHEMICAL & VOL. CONTROL	CONAX	CON-16B	LOCA	YES (T,P,H,CS,R)
CHEMICAL & VOL. CONTROL	CONAX	CON-17B	LOCA	YES (T,P,H,CS,R)
CHEMICAL & VOL. CONTROL	CONAX	CON-18B	LOCA	YES (T,P,H,CS,R)
CHEMICAL & VOL. CONTROL	LIMITORQUE	32115 #	LOCA	YES (R)
CHEMICAL & VOL. CONTROL	LIMITORQUE	32124 #	LOCA	YES (T,P,H,CS,R)

CROSS REFERENCE BY SYSTEM

LISTING DATE 11/17/82
UPDATED 11/16/82

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

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
D.C. AUXILIARIES/ EMERGENCY A.C.	COMMONWEALTH	1E-0523-A	LOCA HELB	NO NO
D.C. AUXILIARIES/ EMERGENCY A.C.	COMMONWEALTH	1E-0523-B	LOCA HELB	NO NO
D.C. AUXILIARIES/ EMERGENCY A.C.	COMMONWEALTH	1E-0524	HELB	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
D.C. AUXILIARIES/ EMERGENCY A.C.	COMMONWEALTH	1E-0542-B	LOCA	NO
D.C. AUXILIARIES/ EMERGENCY A.C.	SOLIDSTATE CONTROLS	1E-0529	HELB	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

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
DIESEL GENERATOR MECHANICAL	BARNES	1E-0483	HELB	NO
DIESEL GENERATOR MECHANICAL	BARNES	1E-0484	HELB	NO
DIESEL GENERATOR MECHANICAL	BARNES	1E-0485	HELB	NO
DIESEL GENERATOR MECHANICAL	BARNES	1E-0488	HELB	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-0486	HELB	NO
DIESEL GENERATOR MECHANICAL	COMSTOCK	1E-0496	HELB	NO
DIESEL GENERATOR MECHANICAL	LINCOLN	1-141	LOCA	NO
DIESEL GENERATOR MECHANICAL	LINCOLN	1-436	LOCA HELB	NO NO
DIESEL GENERATOR MECHANICAL	REDA PUMP	1-110	LOCA HELB	NO NO
DIESEL GENERATOR MECHANICAL	REDA PUMP	1-139	LOCA HELB	NO NO
DIESEL GENERATOR MECHANICAL	WESTERN ENGINE	D/G-1A	LOCA	NO

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
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,R)
FEEDWATER SYS.	ASCO	33075	LOCA	YES (T,R)
FEEDWATER SYS.	ASCO	33077	LOCA	YES (R)
FEEDWATER SYS.	ASCO	33078	LOCA	YES (R)
FEEDWATER SYS.	ASCO	33080	LOCA	YES (T,R)
FEEDWATER SYS.	ASCO	33081	LOCA	YES (T,R)
FEEDWATER SYS.	ASCO	33082	LOCA	YES (R)
FEEDWATER SYS.	ASCO	33083	LOCA	YES (R)
FEEDWATER SYS.	LIMITORQUE	32015	LOCA HELB	YES (T,R) YES (T,H)
FEEDWATER SYS.	LIMITORQUE	32016	LOCA HELB	YES (R) NO
INTERNAL CONTAINMENT SPRAY	ALLIS CHALMERS	1-107	LOCA	YES (R)
INTERNAL CONTAINMENT SPRAY	ALLIS CHALMERS	1-148	LOCA	YES (R)
INTERNAL CONTAINMENT SPRAY	ASCO	33086	LOCA	NO
INTERNAL CONTAINMENT SPRAY	ASCO	33087	LOCA	NO
INTERNAL CONTAINMENT SPRAY	ASCO	33378	LOCA	YES (R)
INTERNAL CONTAINMENT SPRAY	ASCO	33379	LOCA	YES (R)
INTERNAL CONTAINMENT SPRAY	FOXBORO	21114	LOCA	YES (R)

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
INTERNAL CONTAINMENT SPRAY	FOXBORO	21115	LOCA	YES (R)
INTERNAL CONTAINMENT SPRAY	FOXBORO	24067	LOCA	YES (R)
INTERNAL CONTAINMENT SPRAY	LIMITORQUE	32066	LOCA	YES (R)
INTERNAL CONTAINMENT SPRAY	LIMITORQUE	32067	LOCA	YES (R)
INTERNAL CONTAINMENT SPRAY	LIMITORQUE	32068	LOCA	YES (R)
INTERNAL CONTAINMENT SPRAY	LIMITORQUE	32069	LOCA	YES (R)
INTERNAL CONTAINMENT SPRAY	LIMITORQUE	32125	LOCA	YES (R)
INTERNAL CONTAINMENT SPRAY	LIMITORQUE	32126	LOCA	YES (R)
INTERNAL CONTAINMENT SPRAY	NAMCO	31272-L	LOCA	NO
INTERNAL CONTAINMENT SPRAY	NAMCO	31273-L	LOCA	NO
INTERNAL CONTAINMENT SPRAY	NAMCO	31393-L	LOCA	YES (R)
INTERNAL CONTAINMENT SPRAY	NAMCO	31394-L @	LOCA	YES (R)
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)

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
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	33177	HELB	YES (T,H)
MAIN STEAM	ASCO	33178	HELB	YES (T,H)
MAIN STEAM	ASCO	33181	HELB	YES (T,H)
MAIN STEAM	ASCO	33182	HELB	YES (T,H)
MAIN STEAM	ASCO	33183	HELB	YES (T,H)
MAIN STEAM	ASCO	33184	HELB	YES (T,H)
MAIN STEAM	ASCO	33185	HELB	YES (T,H)
MAIN STEAM	ASCO	33186	HELB	YES (T,H)
MAIN STEAM	CONAX	CON-01B	LOCA	YES (T,P,H,CS,R)
MAIN STEAM	CONAX	CON-02B	LOCA	YES (T,P,H,CS,R)
MAIN STEAM	CONAX	CON-03B	LOCA	YES (T,P,H,CS,R)
MAIN STEAM	CONAX	CON-04B	LOCA	YES (T,P,H,CS,R)
MAIN STEAM	FOXBORO	21094	HELB	YES (T,H)
MAIN STEAM	FOXBORO	21095	HELB	YES (T,H)
MAIN STEAM	FOXBORO	21096	HELB	YES (T,H)

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
MAIN STEAM	FOXBORO	21097	HELB	YES (T,H)
MAIN STEAM	FOXBORO	21098	HELB	YES (T,H)
MAIN STEAM	FOXBORO	21099	HELB	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 HELB	YES (T,P,H,CS,R,S) YES (R)
MAIN STEAM	LIMITORQUE	32078	LOCA HELB	NO YES (T,H)
MAIN STEAM	LIMITORQUE	32079	LOCA HELB	YES (T,P,H,CS,R,S,) YES (R)
MAIN STEAM	LIMITORQUE	32080	LOCA HELB	NO YES (T,H)
MAIN STEAM	ROSEMOUNT	23001	LOCA HELB	YES (T,P,H,CS,R) YES (R)
MAIN STEAM	ROSEMOUNT	23002	LOCA HELB	YES (T,P,H,CS,R) YES (R)
MAIN STEAM	ROSEMOUNT	23005	LOCA HELB	YES (T,P,H,CS,R) YES (R)
MAIN STEAM	ROSEMOUNT	23007	LOCA HELB	YES (T,P,H,CS,R) YES (R)
PRIMARY SAMPLING	ASCO	33030	LOCA	YES (T,P,H,CS,R)
PRIMARY SAMPLING	ASCO	33274	LOCA	YES (T,P,H,CS,R)
PRIMARY SAMPLING	ASCO	33325	LOCA	YES (R)

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
PRIMARY SAMPLING	ASCO	33326	LOCA	YES (R)
PRIMARY SAMPLING	NAMCO	31263-L #	LOCA	YES (T,P,H,CS,R)
PRIMARY SAMPLING	NAMCO	31264-L #	LOCA	YES (T,P,H,CS,R)
PRIMARY SAMPLING	NAMCO	31267-L #	LOCA	YES (R)
PRIMARY SAMPLING	NAMCO	31268-L #	LOCA	YES (R)
PRIMARY SAMPLING	VALCOR	33092	LOCA	YES (T,P,H,CS,R)
PRIMARY SAMPLING	VALCOR	33327	LOCA	YES (R)
REACTOR BUILDING VENTILATION	ASCO	33121	LOCA	YES (T,H,R)
REACTOR BUILDING VENTILATION	ASCO	33122	LOCA	YES (T,H,R)
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)

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
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)
REACTOR BUILDING VENTILATION	CONAX	CON-05B	LOCA	YES (T,P,H,CS,R)
REACTOR BUILDING VENTILATION	CONAX	CON-06B	LOCA	YES (T,P,H,CS,R)
REACTOR BUILDING VENTILATION	CONAX	CON-07B	LOCA	YES (T,P,H,CS,R)
REACTOR BUILDING VENTILATION	CONAX	CON-08B	LOCA	YES (T,P,H,CS,R)
REACTOR BUILDING VENTILATION	FOXBORO	21100 #	LOCA	YES (R)
REACTOR BUILDING VENTILATION	FOXBORO	21101 #	LOCA	YES (R)
REACTOR BUILDING VENTILATION	FOXBORO	21102 #	LOCA	YES (R)
REACTOR BUILDING VENTILATION	FOXBORO	21117	LOCA	YES (R)
REACTOR BUILDING VENTILATION	FOXBORO	21118	LOCA	YES (R)
REACTOR BUILDING VENTILATION	FOXBORO	21119	LOCA	YES (R)
REACTOR BUILDING VENTILATION	NAMCO	31123-L	LOCA	YES (T,H,R)

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
REACTOR BUILDING VENTILATION	NAMCO	31124-L	LOCA	YES (T,P,H,CS,R)
REACTOR BUILDING VENTILATION	NAMCO	31125-L	LOCA	YES (T,H,R)
REACTOR BUILDING VENTILATION	NAMCO	31126-L	LOCA	YES (T,P,H,CS,R)
REACTOR BUILDING VENTILATION	NAMCO	31337-L @	LOCA	YES (T,H,R)
REACTOR BUILDING VENTILATION	NAMCO	31338-L @	LOCA	YES (T,H,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)
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)

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
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	CONAX	CON-12B	LOCA	YES (T,P,H,CS,R)
REACTOR COOLANT	CONAX	CON-13B	LOCA	YES (T,P,H,CS,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	NO
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)
REACTOR COOLANT	SOSTMAN CO.	15067	LOCA HELB	YES (T,P,H,CS,R) YES (R)
REACTOR COOLANT	SOSTMAN CO.	15071	LOCA HELB	YES (T,P,H,CS,R) YES (R)
REACTOR COOLANT	SOSTMAN CO.	15072	LOCA HELB	YES (T,P,H,CS,R) YES (R)
REACTOR COOLANT	SOSTMAN CO.	15076	LOCA HELB	YES (T,P,H,CS,R) YES (R)
REACTOR COOLANT	SOSTMAN CO.	15077	LOCA HELB	YES (T,P,H,CS,R) YES (R)

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
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	ELECTRO-SWITCH	19530	LOCA	NO
RESIDUAL HEAT REMOVAL	ELECTRO-SWITCH	19531	LOCA	NO
RESIDUAL HEAT REMOVAL	ELECTRO-SWITCH	19651		NO
RESIDUAL HEAT REMOVAL	ELECTRO-SWITCH	19652		NO
RESIDUAL HEAT REMOVAL	ELECTRO-SWITCH	19653		NO
RESIDUAL HEAT REMOVAL	ELECTRO-SWITCH	19654		NO
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,S)
RESIDUAL HEAT REMOVAL	MAGNETROL	16639	LOCA	YES (R,S)
RESIDUAL HEAT REMOVAL	MAGNETROL	1669301	LOCA	YES (R,S)

CROSS REFERENCE BY SYSTEM

LISTING DATE 11/17/82
UPDATED 11/16/82

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
RESIDUAL HEAT REMOVAL	MAGNETROL	1669302	LOCA	YES (R,S)
RESIDUAL HEAT REMOVAL	MAGNETROL	1669401	LOCA	YES (R,S)
RESIDUAL HEAT REMOVAL	MAGNETROL	1669402	LOCA	YES (R,S)
RESIDUAL HEAT REMOVAL	MAGNETROL (SCHAUB ENGR)	16695	LOCA	YES (T,P,H,CS,R,S)
RESIDUAL HEAT REMOVAL	MAGNETROL (SCHAUB 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)
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	HELB	NO
RELAY ROOM LOCATED EQUIPMENT	BRIGGS ELECTRIC	1E-0273	HELB	NO
RELAY ROOM LOCATED EQUIPMENT	BRIGGS ELECTRIC	1E-0274	LOCA HELB	NO NO
RELAY ROOM LOCATED EQUIPMENT	BRIGGS ELECTRIC	1E-0275	LOCA HELB	NO NO
RELAY ROOM LOCATED EQUIPMENT	FOXBORO	1E-0205	LOCA	NO
RELAY ROOM LOCATED EQUIPMENT	FOXBORO	1E-0206	LOCA	NO

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
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
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

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
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-L	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	DWYER	32375-1	LOCA	YES (R)
SHIELD BUILDING VENTILATION	DWYER	32376-1	LOCA	YES (R)
SHIELD BUILDING VENTILATION	DWYER	32377-1	LOCA	YES (R)
SHIELD BUILDING VENTILATION	DWYER	32378-1	LOCA	YES (R)
SHIELD BUILDING VENTILATION	DWYER	32379-1	LOCA	YES (R)
SHIELD BUILDING VENTILATION	DWYER	32380-1	LOCA	YES (R)
SHIELD BUILDING VENTILATION	FENWAL	FEN-1	LOCA	YES (R)
SHIELD BUILDING VENTILATION	FENWAL	FEN-2	LOCA	YES (R)
SHIELD BUILDING VENTILATION	JOHNSON	32375	LOCA HELB	YES (R) NO

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
SHIELD BUILDING VENTILATION	JOHNSON	32375-2	LOCA	YES (R)
SHIELD BUILDING VENTILATION	JOHNSON	32375-3	LOCA	YES (R)
SHIELD BUILDING VENTILATION	JOHNSON	32376	LOCA	YES (R)
SHIELD BUILDING VENTILATION	JOHNSON	32376-2	LOCA	YES (R)
SHIELD BUILDING VENTILATION	JOHNSON	32376-3	LOCA	YES (R)
SHIELD BUILDING VENTILATION	JOHNSON	32377	LOCA	YES (R)
SHIELD BUILDING VENTILATION	JOHNSON	32377-2	LOCA	YES (R)
SHIELD BUILDING VENTILATION	JOHNSON	32377-3	LOCA	YES (R)
SHIELD BUILDING VENTILATION	JOHNSON	32378	LOCA	YES (R)
SHIELD BUILDING VENTILATION	JOHNSON	32378-2	LOCA	YES (R)
SHIELD BUILDING VENTILATION	JOHNSON	32378-3	LOCA	YES (R)
SHIELD BUILDING VENT SYSTEM	JOHNSON	32379	LOCA	YES (R)
SHIELD BUILDING VENTILATION	JOHNSON	32379-2	LOCA	YES (R)
SHIELD BUILDING VENTILATION	JOHNSON	32379-3	LOCA	YES (R)
SHIELD BUILDING VENTILATION	JOHNSON	32380	LOCA	YES (R)
SHIELD BUILDING VENTILATION	JOHNSON	32380-2	LOCA	YES (R)
SHIELD BUILDING VENTILATION	JOHNSON	32380-3	LOCA	YES (R)

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
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)
SHIELD BUILDING VENTILATION	ROTRON	1-147	LOCA	YES (R)
SAFETY INJECTION	ASCO	33192	LOCA	YES (R)
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	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)

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
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 HELB	YES (R) NO
SAFETY INJECTION	LIMITORQUE	32105	LOCA HELB	YES (R) NO
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 HELB	YES (R) NO
SAFETY INJECTION	LIMITORQUE	32110 #	LOCA HELB	YES (R) NO
SAFETY INJECTION	LIMITORQUE	32111	LOCA	YES (R)
SAFETY INJECTION	LIMITORQUE	32112	LOCA	YES (R)
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	WESTINGHOUSE	1-020	LOCA HELB	YES(R) NO
SAFETY INJECTION	WESTINGHOUSE	1-027	LOCA HELB	YES (R) NO
SECONDARY SAMP.	ASCO	33016	LOCA	YES (T,P,H,CS,R)
SECONDARY SAMP.	ASCO	33017	LOCA	YES (R)
SECONDARY SAMP.	ASCO	33158	LOCA	YES (T,P,H,CS,R)
SECONDARY SAMP.	ASCO	33159	LOCA	YES (R)
SECONDARY SAMP.	NAMCO	31270-L @	LOCA	YES (T,P,H,CS,R)

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
SECONDARY SAMP.	NAMCO	31271-L @	LOCA	YES (R)
SECONDARY SAMP.	NAMCO	31334-L @	LOCA	YES (T,P,H,CS,R)
SECONDARY SAMP.	NAMCO	31335-L @	LOCA	YES (R)
SERVICE WATER	ALLIS CHALMERS	1-022	LOCA HELB	NO NO
SERVICE WATER	ALLIS CHALMERS	1-023	LOCA HELB	NO NO
SERVICE WATER	ALLIS CHALMERS	1-029	LOCA HELB	NO NO
SERVICE WATER	ALLIS CHALMERS	1-030	LOCA HELB	NO NO
SERVICE WATER	ASCO	33033	LOCA HELB	NO NO
SERVICE WATER	ASCO	33034	LOCA HELB	NO NO
SERVICE WATER	ASCO	33040	LOCA HELB	NO NO
SERVICE WATER	ASCO	33041	LOCA HELB	NO NO
SERVICE WATER	ASCO	33043	LOCA	NO
SERVICE WATER	ASCO	33044	LOCA	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)

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
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
TURBINE BUILDING VENT	ALLIS CHALMERS	1-452	LOCA	NO
TURBINE BUILDING VENT	ASCO	33287	LOCA HELB	NO NO
TURBINE BUILDING VENT	ASCO	33288	LOCA HELB	NO NO
TURBINE BUILDING VENT	ASCO	33371	LOCA	NO
TURBINE BUILDING VENT	ASCO	33372	LOCA	NO
TURBINE BUILDING VENT	GENERAL ELECTRIC	1-667	LOCA HELB	NO NO
TURBINE BUILDING VENT	GENERAL ELECTRIC	1-668	LOCA HELB	NO NO
TURBINE BUILDING VENT	JOHNSON	3336701	LOCA HELB	NO NO
TURBINE BUILDING VENT	JOHNSON	3336702	LOCA HELB	NO NO
TURBINE BUILDING VENT	JOHNSON	3336801	LOCA	NO
TURBINE BUILDING VENT	JOHNSON	3336802	LOCA	NO
TURBINE BUILDING VENT	JOHNSON	3336901	LOCA HELB	NO NO

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
TURBINE BUILDING VENT	JOHNSON	3336902	LOCA HELB	NO NO
TURBINE BUILDING VENT	JOHNSON	3337001	LOCA	NO
TURBINE BUILDING VENT	JOHNSON	3337002	LOCA	NO
TURBINE BUILDING VENT	JOHNSON	33454	LOCA	NO
TURBINE BUILDING VENT	JOHNSON	33455	LOCA	NO
TURBINE BUILDING VENT	JOHNSON	33456	LOCA HELB	NO NO
TURBINE BUILDING VENT	JOHNSON	33457	LOCA HELB	NO NO
TURBINE BUILDING VENT	LOUIS ALLIS	1-201	LOCA HELB	NO NO
TURBINE BUILDING VENT	LOUIS ALLIS	1-211	LOCA HELB	NO NO
TURBINE BUILDING VENT	RELIANCE	1-116	LOCA HELB	NO NO
TURBINE BUILDING VENT	RELIANCE	1-118	LOCA HELB	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

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
TURBINE BUILDING VENT	WESTINGHOUSE	19565	LOCA	NO
TURBINE BUILDING VENT	WESTINGHOUSE	19566	LOCA	NO
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 (EHV)	MCGRAW EDISON	1E-0027	LOCA HELB	NO NO
4160V SUPPLY & DIST (EHV)	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

CROSS REFERENCE BY SYSTEM

SYSTEM	MANUFACTURER	PLANT ID. NUMBER	STUDY GROUP	HARSH
480V SUPPLY & DISTRIBUTION	ALLIS CHALMERS	1E-0123	LOCA	NO
480V SUPPLY & DISTRIBUTION	GENERAL ELECTRIC	1E-0326	LOCA HELB	NO NO
480V SUPPLY & DISTRIBUTION	GENERAL ELECTRIC	1E-0327	LOCA HELB	NO NO
480V SUPPLY & DISTRIBUTION	GENERAL ELECTRIC	1E-0328	LOCA HELB	NO NO
480V SUPPLY & DISTRIBUTION	GENERAL ELECTRIC	1E-0329	LOCA	NO
480V SUPPLY & DISTRIBUTION	GENERAL ELECTRIC	1E-0330	LOCA HELB	NO NO
480V SUPPLY & DISTRIBUTION	GENERAL ELECTRIC	1E-0331	LOCA HELB	NO NO
480V SUPPLY & DISTRIBUTION	GENERAL ELECTRIC	1E-0332	LOCA HELB	NO NO
480V SUPPLY & DISTRIBUTION	GENERAL ELECTRIC	1E-0333	LOCA HELB	NO NO
480V SUPPLY & DISTRIBUTION	GENERAL ELECTRIC	1E-0334	LOCA HELB	NO NO
480V SUPPLY & DISTRIBUTION	GENERAL ELECTRIC	1E-0335	LOCA HELB	NO NO
480V SUPPLY & DISTRIBUTION	GENERAL ELECTRIC	1E-0336	LOCA	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
480V SUPPLY & DISTRIBUTION	SQUARE D	1E-0662	LOCA HELB	NO NO

00626 RECORDS RETRIEVED FOR THIS REQUEST

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM STUDY BY
1	AGASTAT	62-1/1-318	2412	LOCA	NO	RELAY, TIME DELAY	NO	CRM-HVAC APD
2	AGASTAT	62-2/1-318	2412	LOCA	NO	RELAY, TIME DELAY	NO	CRM-HVAC APD

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

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 62-1/1-318	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: RELAY, TIME DELAY	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: AGASTAT							
MODEL NUMBER: 2412	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	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	<1E5	N/A	197	N/A	N/A	NONE
LOCATION: IN TB-2087 GRID G.3/6.2/645 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

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 62-2/1-318	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: RELAY, TIME DELAY	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: AGASTAT							
MODEL NUMBER: 2412	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	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	<1E5	N/A	197	N/A	N/A	NONE
LOCATION: IN TB-2087 GRID G.3/6.2/645 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

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
1	ALLEN BRADLEY	1E-0530-A	BUILT PER SPEC	LOCA NO HELB NO		TRANSFER SWITCH BRA-107	NO	DC-AUX	APD
2	ALLEN BRADLEY	1E-0530-B	BUILT PER SPEC	LOCA NO HELB NO		TRANSFER SWITCH BRB-107	NO	DC-AUX	APD
3	ALLEN BRADLEY	32382-L	802T-AT	LOCA YES	(R)	LIMIT SWITCHES	NO	ASP	
4	ALLEN BRADLEY	32383-L	802T-AT	LOCA YES	(R)	LIMIT SWITCHES	NO	ASP	
5	ALLEN BRADLEY	32384-L	802T-AT	LOCA YES	(R)	LIMIT SWITCHES	NO	ASP	
6	ALLEN BRADLEY	32386-L	802T-AT	LOCA YES	(R)	LIMIT SWITCHES (2)	NO	ASP	
7	ALLEN BRADLEY	32387-L	802T-AT	LOCA YES	(R)	LIMIT SWITCH	NO	SBV	
8	ALLEN BRADLEY	32387-L @	802T-AT	LOCA YES	(R)	LIMIT SWITCHES	NO	ASP	
9	ALLEN BRADLEY	34004-L	802T-AT	LOCA NO		LIMIT SWITCHES	NO	ASP	APD
10	ALLEN BRADLEY	34006-L	802T-AT	LOCA YES	(R)	LIMIT SWITCHES	NO	EP	
11	ALLEN BRADLEY	34011-L	802T-AT	LOCA NO		LIMIT SWITCHES	NO	ASP	APD
12	ALLEN BRADLEY	34012-L	802T-AT	LOCA NO		LIMIT SWITCHES	NO	ASP	APD
13	ALLEN BRADLEY	34033-L	802T-AT	LOCA YES	(R)	LIMIT SWITCHES	NO	EP	
14	ALLEN BRADLEY	34039-L	802T-AT	LOCA YES	(R)	LIMIT SWITCHES	NO	ASP	APD
15	ALLEN BRADLEY	34040-L	802T-AT	LOCA YES	(R)	LIMIT SWITCHES	NO	ASP	APD
16	ALLEN BRADLEY	34045-L	802T-AT	LOCA NO		LIMIT SWITCHES	NO	ASP	APD

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

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 BRA-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.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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-0530-B COMPONENT: TRANSFER SWITCH BRB-107 MANUFACTURER: ALLEN BRADLEY MODEL NUMBER: BUILT PER SPEC FUNCTION: 200A AUTO TRANSFER SWITCH SERVICE: SAFEGUARD 125VDC/ 120VAC INSTR POWER LOCATION: GRID F.9/8.5/606 TURB BLDG BATTERY ROOM B	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	119 119	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
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

11/16/82
SUBMITTAL 11/18/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REP. * SPEC.	DOCUMENTATION REP. * 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 (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.

449100305
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 (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.

449100301
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	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: SBV 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
FLOOD LEVEL ELEV: N/A ABOVE 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.

449100401
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	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

11/16/82
SUBMITTAL 11/18/82

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	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 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

11/16/82
SUBMITTAL 11/18/82

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: 32387-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 ROOM 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 BIBLIOGRAPY

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.

449100306
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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 ON 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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

449100803
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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 (RBV5)	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

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

449100803A
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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.

449100804
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 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 BIBLIOGRAPY

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.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	NOTE B	35	NOTE B	NOTE B	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 33289, BUT WILL ONLY RESULT IN EVENTUAL LOSS OF INDICATOR AND STATUS LIGHTS. SEE SCHEMATIC IN REFERENCE 162.

449100303
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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 B	35	NOTE B	NOTE B	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 ANNUNCIATION	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 BIBLIOGRAPY

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 SCHEMATIC IN REF. 163. THE PREVENT. MAINT. OF THIS UNIT WILL BE COVERED IN OUR PREVENT. MAINT. PROGRAM

449100304
ASP

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

449100804A
ASP

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
1	ALLIS CHALMERS	1-022	580BB8	LOCA HELB	NO NO	MOTOR	NO	SW	APD
2	ALLIS CHALMERS	1-023	580BB8	LOCA HELB	NO NO	MOTOR	NO	SW	APD
3	ALLIS CHALMERS	1-024	507US	LOCA HELB	NO NO	AFW PUMP 1A MOTOR	NO	AFW	APD
4	ALLIS CHALMERS	1-029	580BB8	LOCA HELB	NO NO	MOTOR	NO	SW	APD
5	ALLIS CHALMERS	1-030	580BB8	LOCA HELB	NO NO	MOTOR	NO	SW	APD
6	ALLIS CHALMERS	1-031	507US	LOCA HELB	NO NO	AFW PUMP 1B MOTOR	NO	AFW	APD
7	ALLIS CHALMERS	1-107	445TS	LOCA	YES (R)	MOTOR	NO	ICS	APD
8	ALLIS CHALMERS	1-148	445TS	LOCA	YES (R)	MOTOR	NO	ICS	APD
9	ALLIS CHALMERS	1-15105-52A-A	LA-600 EO-A	LOCA	NO	AUX CONTACT IN BKR 15105	NO	ASP	APD
10	ALLIS CHALMERS	1-16105-52A-A	LA-600 EO-A	LOCA	NO	AUX CONTACT IN 480V BKR 16105	NO	ASP	APD
11	ALLIS CHALMERS	1-280	145T	LOCA HELB	NO NO	MOTOR	NO	AFW	APD
12	ALLIS CHALMERS	1-281	145T	LOCA HELB	NO NO	MOTOR	NO	AFW	APD
13	ALLIS CHALMERS	1-451	286T	LOCA	NO	MOTOR	NO	TBV	APD
14	ALLIS CHALMERS	1-452	286T	LOCA	NO	MOTOR	NO	TBV	APD
15	ALLIS CHALMERS	1-463		LOCA	NO	MOTOR	NO	CRM-HVAC	APD
16	ALLIS CHALMERS	1-464	182T	LOCA HELB	NO NO	MOTOR	NO	CRM-HVAC	APD

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

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
17	ALLIS CHALMERS	1E-0120	LA	LOCA	NO	480V SECONDARY SUBSTATION	NO	480V	APD
18	ALLIS CHALMERS	1E-0121	LA	LOCA	NO	480V SECONDARY SUBSTATION	NO	480V	APD
19	ALLIS CHALMERS	1E-0122	LA	LOCA	NO	480V SECONDARY SUBSTATION	NO	480V	APD
20	ALLIS CHALMERS	1E-0123	LA	LOCA	NO	480V SECONDARY SUBSTATION	NO	480V	APD

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

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 1-022	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 BIBLIOGRAPY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1-022
SW

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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 BIBLIOGRAPHY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1-023
SW

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 1-024	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	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: 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	119,171 119,171	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

11/16/82
SUBMITTAL 11/18/82

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: 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 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/4/586 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.

1-029
SW

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 1-030	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 1B1 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

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 1-031	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 1B 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: 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 1B 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	119,171 119,171	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 BIBLIOGRAPY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1-031
AFW

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	>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 BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1-107
ICS

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	>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

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	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 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 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.

449100705
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

449100703
ASP

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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: 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	119 119,171	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 BIBLIOGRAPY

HARSH:

LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

1-280
AFW

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 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: 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 1B	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	119 119,171	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

11/16/82
SUBMITTAL 11/18/82

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: 1-451	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: SCHREENHOUSE 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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1-451
TBV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 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

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL.	OUTSTANDING
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.	METHOD	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.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	119 119,171	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.

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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-0120	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: 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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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-0121	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 1-52	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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: 480V SUPPLY & DISTRIBUTION PLANT ID NO: 1E-0122 COMPONENT: 480V SECONDARY SUBSTATION MANUFACTURER: ALLIS CHALMERS MODEL NUMBER: LA FUNCTION: 480V SWGR BUS 1-61 SERVICE: SAFEGUARD 480V POWER DISTRIBUTION LOCATION: TURB BLDG	OPERATIONAL TIME	1 YEAR	N/A	35	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	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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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-0123	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: LA	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.

APD

1E-0123
480V

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
1	ASCO	33016	8302C26RF	LOCA	YES (T,P,H,CS,R)	SOLENOID VALVE	YES	SS	
2	ASCO	33017	LB83146	LOCA	YES (R)	SOLENOID VALVE	NO	SS	
3	ASCO	33024	LB 83146	LOCA	YES (R)	SOLENOID VALVE	NO	WD-LIQ	APD
4	ASCO	33030	8316B54	LOCA	YES (T,P,H,CS,R)	SOLENOID VALVE	YES	PS	
5	ASCO	33033	8320A19	LOCA HELB	NO NO	SOLENOID VALVE	NO	SW	APD
6	ASCO	33034	8320A19	LOCA HELB	NO NO	SOLENOID VALVE	NO	SW	APD
7	ASCO	33040	8302C29	LOCA HELB	NO NO	SOLENOID VALVE	NO	SW	APD
8	ASCO	33041	8302C29	LOCA HELB	NO NO	SOLENOID VALVE	NO	SW	APD
9	ASCO	33043	8344B62	LOCA	NO	SOLENOID VALVE	NO	SW	APD
10	ASCO	33044	8344B62	LOCA	NO	SOLENOID VALVE	NO	SW	APD
11	ASCO	33072	LB 831654	LOCA	YES (R)	SOLENOID VALVE	NO	WD-LIQ	APD
12	ASCO	33074	LB8300B61RU	LOCA	YES (T,R)	SOLENOID VALVE	NO	FW	APD
13	ASCO	33075	LB8300B61RU	LOCA	YES (T,R)	SOLENOID VALVE	NO	FW	APD
14	ASCO	33077	LB8300B61RU	LOCA	YES (R)	SOLENOID VALVE	NO	FW	APD
15	ASCO	33078	LB8300B61RU	LOCA	YES (R)	SOLENOID VALVE	NO	FW	APD
16	ASCO	33080	LB8300C58RU	LOCA	YES (T,R)	SOLENOID VALVE	NO	FW	APD
17	ASCO	33081	LB8300C58RU	LOCA	YES (T,R)	SOLENOID VALVE	NO	FW	APD
18	ASCO	33082	LB8300C58RU	LOCA	YES (R)	SOLENOID VALVE	NO	FW	APD
19	ASCO	33083	LB8300C58RU	LOCA	YES (R)	SOLENOID VALVE	NO	FW	APD

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

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
20	ASCO	33086	830281RF	LOCA	NO	SOLENOID VALVE	NO	ICS	APD
21	ASCO	33087	830281RF	LOCA	NO	SOLENOID VALVE	NO	ICS	APD
22	ASCO	33093	LB-83146	LOCA	YES (R)	SOLENOID VALVE	NO	RC	APD
23	ASCO	33120	LB 83146	LOCA	YES (R)	SOLENOID VALVE	NO	WD-LIQ	APD
24	ASCO	33121	8316B15	LOCA	YES (T,H,R)	SOLENOID VALVE	NO	RBV	
25	ASCO	33122	8331A45	LOCA	YES (T,H,R)	SOLENOID VALVE	NO	RBV	
26	ASCO	33123	8331A45	LOCA	YES (T,H,R)	SOLENOID VALVE	NO	RBV	
27	ASCO	33124	NP831655E	LOCA	YES (T,P,H,CS,R)	SOLENOID VALVE	YES	RBV	APD
28	ASCO	33125	NP8316E35E	LOCA	YES (T,P,H,CS,R)	SOLENOID VALVE	YES	RBV	APD
29	ASCO	33126	NP8316E35E	LOCA	YES (T,P,H,CS,R)	SOLENOID VALVE	YES	RBV	APD
30	ASCO	33127	8316B15	LOCA	YES (T,H,R,)	SOLENOID VALVE	NO	RBV	
31	ASCO	33128	8331A45	LOCA	YES (T,H,R,)	SOLENOID VALVE	NO	RBV	
32	ASCO	33129	8331A45	LOCA	YES (T,H,R,)	SOLENOID VALVE	NO	RBV	
33	ASCO	33130	NP831655E	LOCA	YES (T,P,H,CS,R)	SOLENOID VALVE	YES	RBV	APD
34	ASCO	33131	NP8316E35E	LOCA	YES (T,P,H,CS,R)	SOLENOID VALVE	YES	RBV	APD
35	ASCO	33132	NP8316E35E	LOCA	YES (T,P,H,CS,R)	SOLENOID VALVE	YES	RBV	APD
36	ASCO	33137	LB-83146	LOCA	YES (R)	SOLENOID VALVE	NO	RC	APD
37	ASCO	33143	LB 83146	LOCA	YES (R)	SOLENOID VALVE	NO	WD-LIQ	APD
38	ASCO	33145	LB 83146	LOCA	YES (R)	SOLENOID VALVE	NO	WD-LIQ	APD
39	ASCO	33146	LB 83146	LOCA	YES (R)	SOLENOID VALVE	NO	WD-LIQ	APD
40	ASCO	33158	8302C4	LOCA	YES (T,P,H,CS,R)	SOLENOID VALVE	YES	SS	

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

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
41	ASCO	33159	LB 83146	LOCA	YES (R)	SOLENOID VALVE	NO	SS	APD
42	ASCO	33170	LB-83146	LOCA	YES (R)	SOLENOID VALVE	NO	RC	APD
43	ASCO	33171	LB-83146	LOCA	NO	SOLENOID VALVE	NO	RC	APD
44	ASCO	33177	WP-8015C21	HELB	YES (T,H)	SOLENOID VALVE	NO	MS	
45	ASCO	33178	WP-8015C21	HELB	YES (T,H)	SOLENOID VALVE	NO	MS	
46	ASCO	33181	WP-8015B31	HELB	YES (T,H)	SOLENOID VALVE	NO	MS	
47	ASCO	33182	WP-8015B31	HELB	YES (T,H)	SOLENOID VALVE	NO	MS	
48	ASCO	33183	WP-8015B31	HELB	YES (T,H)	SOLENOID VALVE	NO	MS	
49	ASCO	33184	WP-8015B31	HELB	YES (T,H)	SOLENOID VALVE	NO	MS	
50	ASCO	33185	WP-8015C21	HELB	YES (T,H)	SOLENOID VALVE	NO	MS	
51	ASCO	33186	WP-8015D21	HELB	YES (T,H)	SOLENOID VALVE	NO	MS	
52	ASCO	33192	LB-831654	LOCA	YES (R)	SOLENOID VALVE	NO	SI	APD
53	ASCO	33193	831654	LOCA	YES (R)	SOLENOID VALVE	NO	CVC	APD
54	ASCO	33199	831654	LOCA	YES (T,P,H,CS,R,S)	SOLENOID VALVE	YES	CVC	
55	ASCO	33200	831654	LOCA	YES (T,P,H,CS,R,S)	SOLENOID VALVE	YES	CVC	APD
56	ASCO	33201	831654	LOCA	YES (T,P,H,CS,R,S)	SOLENOID VALVE	YES	CVC	APD
57	ASCO	33244	FT8320A101	LOCA	YES (R)	SOLENOID VALVE	NO	WD-LIQ	APD
58	ASCO	33245	FT8320A101	LOCA	YES (R)	SOLENOID VALVE	NO	WD-LIQ	APD
59	ASCO	33248	HTX8302C26F	LOCA	YES (R)	SOLENOID VALVE	NO	ASP	APD
60	ASCO	33274	8316B54	LOCA	YES (T,P,H,CS,R)	SOLENOID VALVE	YES	PS	
61	ASCO	33287	8211C32B	LOCA HELB	NO NO	SOLENOID VALVE	NO	TBV	APD

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

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
62	ASCO	33288	8211C32B	LOCA HELB	NO NO	SOLENOID VALVE	NO	TBV	APD
63	ASCO	33291	8302C26	LOCA	YES (T,H,R)	SOLENOID VALVE	NO	RBV	
64	ASCO	33292	8302C26	LOCA	YES (T,H,R)	SOLENOID VALVE	NO	RBV	
65	ASCO	33302	8211C32B	LOCA	NO	SOLENOID VALVE	NO	ABV	APD
66	ASCO	33303	8211C32B	LOCA	YES (R)	SOLENOID VALVE	NO	ABV	APD
67	ASCO	33304	8211C32B	LOCA	YES (R)	SOLENOID VALVE	NO	ABV	APD
68	ASCO	33307	8211C32B	LOCA	NO	SOLENOID VALVE	NO	ABV	APD
69	ASCO	33308	8211C32B	LOCA	NO	SOLENOID VALVE	NO	ABV	APD
70	ASCO	33313	8211C32B	LOCA	NO	SOLENOID VALVE	NO	ABV	APD
71	ASCO	33323	832318	LOCA HELB	NO NO	AFW PUMP FLOW CV SV	NO	AFW	APD
72	ASCO	33324	832318	LOCA	NO	AFW PUMP FLOW CV SV	NO	AFW	APD
73	ASCO	33325	8302C26	LOCA	YES (R)	SOLENOID VALVE	NO	PS	APD
74	ASCO	33326	HTX8302C26F	LOCA	YES (R)	SOLENOID VALVE	NO	PS	APD
75	ASCO	33330	HTX8302B26F	LOCA	YES (R)	SOLENOID VALVE	NO	RHR	APD
76	ASCO	33331	HTX8302B26F	LOCA	YES (R)	SOLENOID VALVE	NO	RHR	APD
77	ASCO	33371	8211C32B	LOCA	NO	SOLENOID VALVE	NO	TBV	APD
78	ASCO	33372	8211C32B	LOCA	NO	SOLENOID VALVE	NO	TBV	APD
79	ASCO	33378	HTX8302C26F	LOCA	YES (R)	SOLENOID VALVE	NO	ICS	APD
80	ASCO	33379	HTX8302C26F	LOCA	YES (R)	SOLENOID VALVE	NO	ICS	APD
81	ASCO	33385	8302C26F	LOCA	YES (R)	SOLENOID VALVE	NO	RBV	APD

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

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
82	ASCO	33386	8302C26F	LOCA	YES (R)	SOLENOID VALVE	NO	RBV	APD
83	ASCO	33387	8302C26F	LOCA	YES (R)	SOLENOID VALVE	NO	RBV	APD
84	ASCO	33416	8302C4	LOCA	NO	SOLENOID VALVE	NO	ABSV	APD
85	ASCO	33417	8302C4	LOCA	NO	SOLENOID VALVE	NO	ABSV	APD
86	ASCO	33418	8302C4	LOCA	YES (R)	SOLENOID VALVE	NO	ABSV	APD
87	ASCO	33419	8302C4	LOCA	NO	SOLENOID VALVE	NO	ABSV	APD
88	ASCO	33420	8302C4	LOCA	NO	SOLENOID VALVE	NO	ABSV	APD
89	ASCO	33421	8302C4	LOCA	YES (R)	SOLENOID VALVE	NO	ABSV	APD
90	ASCO	33422	8302C4	LOCA	YES (R)	SOLENOID VALVE	NO	ABSV	APD
91	ASCO	33425	8302C4	LOCA	YES (R)	SOLENOID VALVE	NO	ABSV	APD
92	ASCO	33426	8302C4	LOCA	YES (R)	SOLENOID VALVE	NO	ABSV	APD
93	ASCO	33427	8302C4F	LOCA	NO	SOLENOID VALVE	NO	ABSV	APD
94	ASCO	33428	8302C4F	LOCA	YES (R)	SOLENOID VALVE	NO	ABSV	APD
95	ASCO	33435	HTX-8302C26F SOL. CAT. NO. 80173	HELB	NO	SOLENOID VALVE	NO	ABSV	
96	ASCO	33446	HTX-8302C26F SOL. CAT. NO. 80173	HELB	NO	SOLENOID VALVE	NO	ABSV	APD
97	ASCO	33449	8302C4F	HELB	NO	SOLENOID VALVE	NO	ABSV	APD
98	ASCO	33641	8300C61	LOCA HELB	NO NO	SOLENOID VALVE	NO	CRM-HVAC	APD

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

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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: 8302C26RF	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: @CV-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 BIBLIOGRAPY

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

NOTES:
A) SEE REFERENCE NO. 186.

33016
SS

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33017	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: LB83146 S/N 50472T1	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: S/G 1B SAMPLE STOP SV CNTMT ISCL	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.0/4.5/611 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 BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:

A) SEE REFERENCE NO. 186.
B) SEE AGING PROGRAM DESCRIPTION.

33017
SS

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	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 RC 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) SEE REFERENCE NO. 186.
B) SEE AGING PROGRAM DESCRIPTION.

33024
WD-LIQ

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 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) SEE REFERENCE NO. 186.

33030
PS

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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	119 119,171	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 BIBLIOGRAPY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33033
SW

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 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 MANUFACTURER: ASCO	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: 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	119,171 119	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

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33034
SW

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 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	119 119,171	N/A N/A	N/A N/A	NONE
LOCATION: @CV-31038 ON 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

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 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	119 119,171	N/A N/A	N/A N/A	NONE
LOCATION: @CV-31040 ON 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

11/16/82
SUBMITTAL 11/18/82

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 BIBLIOGRAPY

HARSH:(
LOCA NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

33043
SW

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33044
SW

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: WASTE DISPOSAL	OPERATIONAL TIME	30 DAYS	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.4/4.5/608 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) SEE REFERENCE NO. 186.
B) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: LB8300B61RU	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 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,R)

NOTES:
A) SEE REFERENCE NO. 194.

33074
PW

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: LB8300B61RU	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 A	NOTE A	NOTE A	NOTE A	NOTE A	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) SEE REFERENCE NO. 194.

33075
FW

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	270 DAYS	35	195	ANALYSIS	NONE
PLANT ID NO: 33077	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: 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 BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:
A) SEE REFERENCE NO. 194.
B) SEE AGING PROGRAM DESCRIPTION.

33077
FW

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: FEEDWATER SYS.	OPERATIONAL TIME	30 DAYS	270 DAYS	35	195	ANALYSIS	NONE
PLANT ID NO: 33078	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: 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 BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:
A) SEE REFERENCE NO. 194.
B) SEE AGING PROGRAM DESCRIPTION.

33078
PW

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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 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,R)

NOTES:
A) SEE REFERENCE NO. 194.

33080
PW

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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 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,R)

NOTES:
A) SEE REFERENCE NO. 194.

33081
FW

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: FEEDWATER SYS.	OPERATIONAL TIME	30 DAYS	270 DAYS	35	195	ANALYSIS	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: 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 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 (R)

NOTES:

A) SEE REFERENCE NO. 194.
B) SEE AGING PROGRAM DESCRIPTION.

33082
FW

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	270 DAYS	35	195	ANALYSIS	NONE
PLANT ID NO: 33083	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: 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 ELEV: 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 REFERENCE NO. 194.
B) SEE AGING PROGRAM DESCRIPTION.

33083
PW

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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

11/16/82
SUBMITTAL 11/18/82

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	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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33087
ICS

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: @CV 31259 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 BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:
A) SEE REFERENCE NO. 186.
B) SEE AGING PROGRAM DESCRIPTION.

33093
RC

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	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 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-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) SEE REFERENCE NO. 186.
B) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 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 BIBLIOGRAPY

HARSH:
LOCA YES (T,H,R)

NOTES:
A) SEE REFERENCE NO. 186.

33121
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 33122	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: 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) SEE REFERENCE NO. 186.

33122
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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: 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) SEE REFERENCE NO. 186.

33123
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	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 % 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-31124 GRID 2.5/103/666 RX BLDG	AGING	4.4 YEARS	4.4 YEARS	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:

33124
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	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 % 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-31124 GRID 2.5/103/666 RX BLDG	AGING	4.4 YEARS	4.4 YEARS	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 BIBLIOGRAPY

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

NOTES:

33125
RBV

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 33126 COMPONENT: SOLENOID VALVE MANUFACTURER: ASCO MODEL NUMBER: NP8316E35E FUNCTION: CONTAINMENT ISOL. INSIDE VESSEL EXH CV VENT SV SERVICE: VALVE CONTROL LOCATION: @CV-31124 GRID 2.5/103/666 RX BLDG	OPERATIONAL TIME	30 DAYS	1 YEAR	35	57	SEQ TEST	NONE
	TEMPERATURE DEG. F.	293	346	1	57	SEQ TEST	NONE
	PRESSURE PSIA	60.7	124.7	2,3	57	SEQ TEST	NONE
	RELATIVE HUMIDITY PCT	100%	100%	2	57	SEQ TEST	NONE
	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH =10.0	4,5,118	57	SEQ TEST	NONE
	RADIATION RADS	5E7 GAMMA 2E6 BETA	2E8 GAMMA >2E6 BETA	2,6,7,8	57,101	SEQ TEST	NONE
	AGING	4.4 YEARS	4.4 YEARS	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:

33126
RBV

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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 CONTROL	RADIATION RADS	6.5E6	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: GRID 2.5/109/666	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) SEE REFERENCE NO. 186.

33127
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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: 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) SEE REFERENCE NO. 186.

33128
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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) SEE REFERENCE NO. 186.

33129
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 PLANT ID NO: 33130 COMPONENT: SOLENOID VALVE MANUFACTURER: ASCO MODEL NUMBER: NP8316555E FUNCTION: CONTIANMENT ISOL. INSIDE VESSEL SPLY CV INLET SV SERVICE: VALVE CONTROL LOCATION: @CV-31126 GRID 2.5/109/666 RX BLDG	OPERATIONAL TIME	30 DAYS	1 YEAR	35	57	SEQ TEST	NONE
	TEMPERATURE DEG. F.	293	346	1	57	SEQ TEST	NONE
	PRESSURE PSIA	60.7	124.7	2,3	57	SEQ TEST	NONE
	RELATIVE HUMIDITY PCT	100%	100%	2	57	SEQ TEST	NONE
	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH =10.0	4,5,118	57	SEQ TEST	NONE
	RADIATION RADS	5E7 GAMMA 2E6 BETA	2E8 GAMMA >2E6 BETA	2,6,7,8	57,101	SEQ TEST	NONE
	AGING	4.4 YEARS	4.4 YEARS	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 BIBLIOGRAPY

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

NOTES:

33130
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	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 % 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	4.4 YEARS	4.4 YEARS	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 BIBLIOGRAPY

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

NOTES:

33131
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	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	4.4 YEARS	4.4 YEARS	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:

33132
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REP. * SPEC.	DOCUMENTATION REP. * 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 (R)

NOTES:
A) SEE REFERENCE NO. 186.
B) SEE AGING PROGRAM DESCRIPTION.

33137
RC

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	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 PMPS 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 BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:
A) SEE REFERENCE NO. 186.
B) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	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 (R)

NOTES:

A) SEE REFERENCE NO. 186.
B) SEE AGING PROGRAM DESCRIPTION.

33145
WD-LIQ

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	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) SEE REFERENCE NO. 186.
B) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 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) SEE REPERENCE NO. 186.

33158
SS

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
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: LB 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) SEE REFERENCE NO. 186.
B) SEE AGING PROGRAM DESCRIPTION.

33159
SS

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 33170	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: 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) SEE REFERENCE NO. 186.
B) SEE AGING PROGRAM DESCRIPTION.

33170
RC

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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.	120	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: 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	N/A	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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33171
RC

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 33177	TEMPERATURE DEG. F.	298	NOTE A	171	NOTE A	NOTE A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,39,171	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: WP-8015C21 S/N 21255B2	RELATIVE HUMIDITY PCT	100%	NOTE A	171	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	119,171	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) SEE REFERENCE NO. 192.

33177
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 33178 R	TEMPERATURE DEG. F.	234	NOTE A	171	NOTE A	NOTE A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,39,171	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: WP-8015C21 S/N 21255B2	RELATIVE HUMIDITY PCT	100%	NOTE A	171	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	119,171	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) SEE REFERENCE NO. 192.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	171	NOTE A	NOTE A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,39,171	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: WP-8015B31 S/N 21255B1	RELATIVE HUMIDITY PCT	100%	NOTE A	171	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	119,171	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 BIBLIOGRAPY

HARSH:
HELB YES (T,H)

NOTES:
A) SEE REFERENCE NO. 192.

33181
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 33182 R	TEMPERATURE DEG. F.	234	NOTE A	171	NOTE A	NOTE A	NONE
COMPONENT: SOLENOID VALVE MANUFACTURER: ASCO	PRESSURE PSIA	13.7-15.7	N/A	37,39,171	N/A	N/A	NONE
MODEL NUMBER: WP-8015B31 S/N 21255B1	RELATIVE HUMIDITY PCT	100%	NOTE A	171	NOTE A	NOTE A	NONE
FUNCTION: MAIN STEAM HDR 1B ISOL VLV AIR SUPPLY SV 1B1 SERVICE: VALVE CONTROL	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
	RADIATION RADS	<1E5	N/A	119,171	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) SEE REFERENCE NO. 192.

33182
MS

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 MINUTES	NOTE A	109	NOTE A	NOTE A	NONE
PLANT ID NO: 33183	TEMPERATURE DEG. F.	298	NOTE A	171	NOTE A	NOTE A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,39,171	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: WP-8015B31 S/N 21255B1	RELATIVE HUMIDITY PCT	100%	NOTE A	171	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	119,171	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) SEE REFERENCE NO. 192.

33183
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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 MINUTES	NOTE A	109	NOTE A	NOTE A	NONE
PLANT ID NO: 33184	TEMPERATURE DEG. F.	234	NOTE A	171	NOTE A	NOTE A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,39,171	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: WP-8015B31	RELATIVE HUMIDITY PCT	100%	NOTE A	171	NOTE A	NOTE A	NONE
S/N 21255B1							
FUNCTION: MAIN STEAM HDR 1B ISOL 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	119,171	N/A	N/A	NONE
LOCATION: ØCV-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"	SUBMERGENCE	NOT REQUIRED	N/A	N/A	N/A	N/A	NONE
ABOVE FLOOD LEVEL: YES							

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
HELB YES (T,H)

NOTES:
A) SEE REFERENCE NO. 192.

33184
MS

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 MINUTES	NOTE A	109	NOTE A	NOTE A	NONE
PLANT ID NO: 33185	TEMPERATURE DEG. F.	298	NOTE A	171	NOTE A	NOTE A	NONE
COMPONENT: SOLENOID VALVE MANUFACTURER: ASCO	PRESSURE PSIA	13.7-15.7	N/A	37,39,171	N/A	N/A	NONE
MODEL NUMBER: WP-8015C21 S/N 21255B2	RELATIVE HUMIDITY PCT	100%	NOTE A	171	NOTE A	NOTE A	NONE
FUNCTION: MAIN STEAM HDR 1A ISOL VLV AIR RELEASE SV 1A6 SERVICE: VALVE CONTROL	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
	RADIATION RADS	<1E5	N/A	119,171	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) SEE REFERENCE NO. 192.

33185
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	171	NOTE A	NOTE A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	37,39,171	N/A	N/A	NONE
MANUFACTURER: ASCO							
MODEL NUMBER: WP-8015D21 S/N 82611B1	RELATIVE HUMIDITY PCT	100%	NOTE A	171	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	119,171	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) SEE REFERENCE NO. 192.

33186
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REP. * SPEC.	DOCUMENTATION REP. * 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 (R)

NOTES:
A) SEE REFERENCE NO. 186.
B) SEE AGING PROGRAM DESCRIPTION.

33192
SI

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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 BIBLIOGRAPY

HARSH:

LOCA YES (R)

NOTES:

A) SEE REFERENCE NO. 186.
B) SEE AGING PROGRAM DESCRIPTION.

33193
CVC

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

DOCKET: 50-305

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

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:

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

NOTES:

A) SEE REFERENCE NO. 186.

33199
CVC

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 33200	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 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 BIBLIOGRAPY

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

NOTES:
A) SEE REFERENCE NO. 186.

33200
CVC

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	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 BIBLIOGRAPY

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

NOTES:
A) SEE REFERENCE NO. 186.

33201
CVC

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: WASTE DISPOSAL	OPERATIONAL TIME	30 DAYS	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: 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 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) SEE REFERENCE NO. 186.
B) SEE AGING PROGRAM DESCRIPTION.

33244
WD-LIQ

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	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: PT8320A101	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 BIBLIOGRAPY

HARSH:

LOCA YES (R)

NOTES:

A) SEE REFERENCE NO. 186.
B) SEE AGING PROGRAM DESCRIPTION.

33245
WD-LIQ

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	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 BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:
A) SEE REFERENCE NO. 186.
B) SEE AGING PROGRAM DESCRIPTION.

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UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: PRIMARY SAMPLING PLANT ID NO: 33274 COMPONENT: SOLENOID VALVE MANUFACTURER: ASCO MODEL NUMBER: 8316B54 FUNCTION: CNTMT. ISOL. PRZR STM SAMPLING ISOL CV SV SERVICE: VALVE CONTROL SV LOCATION: @CV-31263 GRID 17/105/646 RX BLDG	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	NONE
	TEMPERATURE DEG. F.	293	NOTE A	1	NOTE A	NOTE A	NONE
	PRESSURE PSIA	60.7	NOTE A	2,3	NOTE A	NOTE A	NONE
	RELATIVE HUMIDITY PCT	100%	NOTE A	2	NOTE A	NOTE A	NONE
	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	NOTE A	4,5,118	NOTE A	NOTE A	NONE
	RADIATION RADS	5E7 GAMMA 2E6 BETA	NOTE A >2E6 BETA	2,6,7,8	NOTE A	NOTE A	NONE
	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) SEE REFERENCE NO. 186.

33274
PS

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 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	119 119,171	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 BIBLIOGRAPY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33287
TBV

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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	119 119,171	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 BIBLIOGRAPHY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33288
TBV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 33291 COMPONENT: SOLENOID VALVE MANUFACTURER: ASCO MODEL NUMBER: 8302C26 FUNCTION: CONTAINMENT VACUUM BREAKER CV1A SV (31337) SERVICE: VALVE CONTROL LOCATION: GRID 147/2.0/670 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 BIBLIOGRAPY

HARSH:
LOCA YES (T,H,R)

NOTES:
A) SEE REFERENCE NO. 191.

33291
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 33292 COMPONENT: SOLENOID VALVE MANUFACTURER: ASCO MODEL NUMBER: 8302C26 FUNCTION: CONTAINMENT VACUUM BREAKER CV1B SV (31338) SERVICE: VALVE CONTROL LOCATION: GRID 75/2.0/647 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 BIBLIOGRAPY

HARSH:
LOCA YES (T,H,R)

NOTES:
A) SEE REFERENCE NO. 191.

33292
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: BASEMENT 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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33302
ABV

UNIT: KEWAUNEE

DOCKET: 50-305

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: AUX. BLDG. VENT PLANT ID NO: 33303 COMPONENT: SOLENOID VALVE MANUFACTURER: ASCO MODEL NUMBER: 8211C32B FUNCTION: RHR PUMP PIT FAN COIL UNIT 1A SERVICE: SERVICE WATER INLET LOCATION: GRID J.4/6.6/575 AUX BLDG FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	OPERATIONAL TIME	1 YEAR	NOTE A	35	NOTE A	NOTE A	NONE
	TEMPERATURE DEG. F.	60-104	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	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 BIBLIOGRAPY

HARSH:

LOCA YES (R)

NOTES:

A) SEE REFERENCE NO. 189.
B) SEE AGING PROGRAM DESCRIPTION.

33303
ABV

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL.	OUTSTANDING
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.	METHOD	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: 8211C32B	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 BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:
A) SEE REFERENCE NO. 189.
B) SEE AGING PROGRAM DESCRIPTION.

33304
ABV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL.	OUTSTANDING
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.	METHOD	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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33307
ABV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33308
ABV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33313
ABV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	119 119,171	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 BIBLIOGRAPY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33323
AFW

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: ASCO							
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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33324
AFW

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	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 (R)

NOTES:
A) SEE REFERENCE NO. 186.
B) SEE AGING PROGRAM DESCRIPTION.

33325
PS

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:
A) SEE REFERENCE NO. 186.
B) SEE AGING PROGRAM DESCRIPTION.

33326
PS

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	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 BIBLIOGRAPY

HARSH:

LOCA YES (R)

NOTES:

A) SEE REFERENCE NO. 193.
B) SEE AGING PROGRAM DESCRIPTION.

33330
RHR

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: RESIDUAL HEAT REMOVAL PLANT ID NO: 33331 COMPONENT: SOLENOID VALVE MANUFACTURER: ASCO MODEL NUMBER: HTX8302B26F FUNCTION: RHR PMP 1B PIT CV SV SERVICE: VALVE CONTROL SV LOCATION: @CV-31342 GRID J.5/6.4/568 AUX BLDG	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	NONE
	TEMPERATURE DEG. F.	60-104	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	NOTE A	41	NOTE A	NOTE A	NONE
	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) SEE REFERENCE NO. 193.
B) SEE AGING PROGRAM DESCRIPTION.

33331
RHR

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 PLANT ID NO: 33371 COMPONENT: SOLENOID VALVE MANUFACTURER: ASCO MODEL NUMBER: 8211C32B FUNCTION: W/115 VAC, 60 HZ CLASS H COIL (FOR 1-667) SERVICE: BATTERY RM FAN COIL UNIT 1A SV LOCATION: GRID E.4/8.9/617 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	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
	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

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 33372 COMPONENT: SOLENOID VALVE MANUFACTURER: ASCO MODEL NUMBER: 8211C32B FUNCTION: W/115 VAC, 60 HZ CLASS H COIL (FOR 1-668) SERVICE: BATTERY RM FAN COIL UNIT 1B SV LOCATION: GRID F.8/8.9/617 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	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
	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

11/16/82
SUBMITTAL 11/18/82

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	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
S/N 11545B							
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	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE
ABOVE FLOOD LEVEL: N/A							

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:
A) SEE REFERENCE NO. 190.
B) SEE AGING PROGRAM DESCRIPTION.

33378
ICS

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 PLANT ID NO: 33379 COMPONENT: SOLENOID VALVE MANUFACTURER: ASCO MODEL NUMBER: HTX8302C26F S/N 11545B FUNCTION: ICS SPRAY CAUSTIC ADD CV 1B SV (31394) SERVICE: VALVE CONTROL SV LOCATION: GRID GW.4/5.2/587 AUX BLDG SV ZONE 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.	60-104	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	5.6E6	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 BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:
A) SEE REFERENCE NO. 190.
B) SEE AGING PROGRAM DESCRIPTION.

33379
ICS

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	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 (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 BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:
A) SEE REFERENCE NO. 186.
B) SEE AGING PROGRAM DESCRIPTION.

33385
RBV

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 33386 COMPONENT: SOLENOID VALVE MANUFACTURER: ASCO MODEL NUMBER: 8302C26F FUNCTION: CONTAINMENT AIR SAMPLE ISOL. CV (31384) SERVICE: VALVE CONTROL LOCATION: GRID H.5/4.8/646 AUX BLDG SV ZONE 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.	60-104	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	1.2E5	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 BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:
A) SEE REFERENCE NO. 186.
B) SEE AGING PROGRAM DESCRIPTION.

33386
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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 BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:
A) SEE REFERENCE NO. 186.
B) SEE AGING PROGRAM DESCRIPTION.

33387
RBV

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 33416	TEMPERATURE DEG. F.	110	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: 8302C4	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,43	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.1/6.8/650 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.

33416
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 33417	TEMPERATURE DEG. F.	110	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: 8302C4	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,43	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.0/8.6/632 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.

33417
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 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-340 20 GRID GW.9/9.0/662 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) SEE REFERENCE NO. 187.
B) SEE AGING PROGRAM DESCRIPTION.

33418
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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.0/7.3/665 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

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 33420 COMPONENT: SOLENOID VALVE MANUFACTURER: ASCO MODEL NUMBER: 8302C4 FUNCTION: ASV BOUNDARY DAMPER 1D TRAIN B SV SERVICE: DAMPER OPERATOR LOCATION: @CD-34022 GRID G.0/8.0/665 AUX BLDG SV ZONE 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	37,38	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	<1E5	N/A	119	N/A	N/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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33420
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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 BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:
A) SEE REFERENCE NO. 187.
B) SEE AGING PROGRAM DESCRIPTION.

33421
ABSV

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 33422 COMPONENT: SOLENOID VALVE MANUFACTURER: ASCO MODEL NUMBER: 8302C4 FUNCTION: ASV BOUNDARY DAMPER 1G TRAIN B SV SERVICE: DAMPER OPERATOR LOCATION: @CD-34026 GRID GW.9/7.9/667 AUX BLDG SV ZONE FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	OPERATIONAL TIME	1 YEAR	NOTE A	2	NOTE A	NOTE A	NONE
	TEMPERATURE DEG. F.	60-104	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	3.2E6	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 BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:
A) SEE REFERENCE NO. 187.
B) SEE AGING PROGRAM DESCRIPTION.

33422
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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 GW.9/9.0/662 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) SEE REFERENCE NO. 187.
B) SEE AGING PROGRAM DESCRIPTION.

33425
ABSV

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 33426 COMPONENT: SOLENOID VALVE MANUFACTURER: ASCO MODEL NUMBER: 8302C4 FUNCTION: ASV BOUNDARY DAMPER IN TRAIN B SV SERVICE: DAMPER OPERATOR LOCATION: @CD-34047 GRID G.2/4.8/644 AUX BLDG SV ZONE FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	OPERATIONAL TIME	1 YEAR	NOTE A	2	NOTE A	NOTE A	NONE
	TEMPERATURE DEG. F.	60-104	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	1.4E5	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 (R)

NOTES:
A) SEE REFERENCE NO. 187.
B) SEE AGING PROGRAM DESCRIPTION.

33426
ABSV

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 33427 COMPONENT: SOLENOID VALVE MANUFACTURER: ASCO MODEL NUMBER: 8302C4F FUNCTION: ZONE SV BOUNDARY DAMPER 1P TRAIN B SV SERVICE: DAMPER OPERATOR LOCATION: @CD-34049 GRID G.3/2.0/658 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.	60-120	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
	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.

33427
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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 BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:
A) SEE REFERENCE NO. 187.
B) SEE AGING PROGRAM DESCRIPTION.

33428
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 33435	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: HTX-8302C26F SOL. CAT. NO. 80173 S/N 3143D-1	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: STM EXCL BDRY 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	119,171	N/A	N/A	NONE
LOCATION: @ CD-34056 GRID GW.5/8.9/657.5 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 BIBLIOGRAPY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33435
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 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: 8309C61	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	119 119,171	N/A N/A	N/A N/A	NONE
LOCATION: @34084 & 34085 GRID GW.6/9.0/615 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

11/16/82
SUBMITTAL 11/18/82

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.	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: HTX-8302C26F SOL. CAT. NO. 80173 S/N 3143D-2	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/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	119,171	N/A	N/A	NONE
LOCATION: @ CD-34065 GRID GW.0/6.0/663 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	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.

33446
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 33449 COMPONENT: SOLENOID VALVE MANUFACTURER: ASCO MODEL NUMBER: 8302C4F FUNCTION: STM EXCL BDRY DMPR 11B SV 1B SERVICE: DAMPER CONTROL LOCATION: @ CD-34067 GRID GW.0/6.0/663 AUX BLDG SV ZONE 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	37,38	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	<1E5	N/A	119,171	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 BIBLIOGRAPY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33449
ABSV

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
1	ASHCROFT	16085	4410A31-02L	HELB	NO	PRESSURE SWITCH	NO	AFW	APD
2	ASHCROFT	16114	B420B/0-20	HELB	NO	PRESSURE SWITCH	NO	AFW	APD
3	ASHCROFT	16937	B420B/0-20	HELB	NO	PRESSURE SWITCH	NO	AFW	APD

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

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 16085	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: 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	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: MOTOR CONTROL	RADIATION RADS	<1E5	N/A	119,171	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 BIBLIOGRAPY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

16085
AFW

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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	119,171	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 BIBLIOGRAPY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

16114
AFW

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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: 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	119,171	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

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
1	BARNES	1E-0483	BUILT PER SPEC	HELB	NO	SEQUENCE LOADING PANEL	NO	DG-MECH	
2	BARNES	1E-0484	BUILT PER SPEC	HELB	NO	SEQUENCE LOADING PANEL	NO	DG-MECH	
3	BARNES	1E-0485	BUILT PER SPEC	HELB	NO	SEQUENCE LOADING PANEL	NO	DG-MECH	
4	BARNES	1E-0488	BUILT PER SPEC	HELB	NO	RELAY PANEL, AUX	NO	DG-MECH	
5	BARNES	1E-0493	BUILT PER SPEC	HELB	NO	SEQUENCE LOADING PANEL	NO	DG-MECH	APD
6	BARNES	1E-0494	BUILT PER SPEC	HELB	NO	SEQUENCE LOADING PANEL	NO	DG-MECH	APD
7	BARNES	1E-0495	BUILT PER SPEC	HELB	NO	SEQUENCE LOADING PANEL	NO	DG-MECH	APD
8	BARNES	1E-0498	BUILT PER SPEC	HELB	NO	RELAY PANEL, AUX	NO	DG-MECH	APD
9	BARNES	1E-0562	BUILT PER SPEC	HELB	YES (T,H)	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

11/16/82
SUBMITTAL 11/18/82

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-0483	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-104 SEQUENCE LOADING 1A PANEL	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ELECTRICAL LOADING	RADIATION RADS	<1E5	N/A	119,171	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 BIBLIOGRAPY

HARSH:

HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

1E-0483
DG-MECH

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: DIESEL GENERATOR MECHANICAL PLANT ID NO: 1E-0484 COMPONENT: SEQUENCE LOADING PANEL MANUFACTURER: BARNES MODEL NUMBER: BUILT PER SPEC FUNCTION: DR-105 SEQUENCE LOADING 1A PANEL SERVICE: ELECTRICAL LOADING LOCATION: ADM BLDG D/G RM 1A	OPERATIONAL TIME	1 YEAR	N/A	35	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	119,171	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	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.

1E-0484
DG-MECH

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: DIESEL GENERATOR MECHANICAL PLANT ID NO: 1E-0485 COMPONENT: SEQUENCE LOADING PANEL MANUFACTURER: BARNES MODEL NUMBER: BUILT PER SPEC FUNCTION: DR-106 SEQUENCE LOADING 1A PANEL SERVICE: ELECTRICAL LOADING LOCATION: ADM BLDG D/G RM 1A 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	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	119,171	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 BIBLIOGRAPY

HARSH:

HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

1E-0485
DG-MECH

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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-0488	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: RELAY PANEL, AUX	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: BARNES							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: DR-109 AUX RELAY PANEL	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: RELAY ENCLOSURE	RADIATION RADS	<1E5	N/A	119,171	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 BIBLIOGRAPY

HARSH:

HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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-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	119,171	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 BIBLIOGRAPY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 1B PANEL	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ELECTRICAL LOADING	RADIATION RADS	<1E5	N/A	119,171	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 BIBLIOGRAPY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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-0495	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: SEQUENCE LOADING PANEL	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: BARNES							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: DR-116 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	119,171	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 BIBLIOGRAPY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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-0498	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: RELAY PANEL, AUX	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: BAENES							
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	119,171	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.

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	171	NOTE A	NOTE A	NONE
COMPONENT: CONTROL PANEL	PRESSURE PSIA	13.7-15.7	N/A	37,39,171	N/A	N/A	NONE
MANUFACTURER: BARNES							
MODEL NUMBER: BUILT PER SPEC	RELATIVE HUMIDITY PCT	100%	NOTE A	171	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	119,171	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 BIBLIOGRAPY

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

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
1	BARTCN	11267	290A	LOCA	NO	LEVEL SWITCH	NO	DG-MECH	APD
2	BARTCN	11268	290A	LOCA	NO	LEVEL SWITCH	NO	DG-MECH	APD
3	BARTON	16416	289A	LOCA	YES (R)	TRANSMITTER, DP	NO	SBV	APD
4	BARTON	16417	289A	LOCA	YES (R)	TRANSMITTER, DP	NO	SBV	APD
5	BARTCN	16427	288A	LOCA	YES (R)	DP SWITCH	NO	RBV	APD
6	BARTON	16428	288A	LOCA	YES (R)	DP SWITCH	NO	RBV	APD
7	BARTON	24023	332/305/351	HELB	NO	TRANSMITTER, LEVEL	NO	CVC	APD
8	BARTON	24024	332/305/351	HELB	NO	TRANSMITTER, LEVEL	NO	CVC	APD
9	BARTCN	24025	332/305/351	HELB	NO	TRANSMITTER, LEVEL	NO	CVC	APD
10	BARTCN	24026	332/305/351	HELB	NO	TRANSMITTER, LEVEL	NO	CVC	APD
11	BARTCN	24027	332/305/351	HELB	NO	TRANSMITTER, LEVEL	NO	CVC	APD
12	BARTON	24028	332/305/351	HELB	NO	TRANSMITTER, LEVEL	NO	CVC	APD
13	BARTON	24029	384	LOCA HELB	YES (T,P,H,CS,R) YES (R)	TRANSMITTER, DP	YES	EP	
14	BARTON	24030 #	386/351	LOCA HELB	YES (T,P,H,CS,R) YES (R)	TRANSMITTER, LEVEL	YES	RC	
15	BARTON	24031 #	386/351	LOCA HELB	YES (T,P,H,CS,R) YES (R)	TRANSMITTER, LEVEL	YES	RC	
16	BARTON	24032 #	386/351	LOCA HELB	YES (T,P,H,CS,R) YES (R)	TRANSMITTER, LEVEL	YES	RC	
17	BARTON	24038	332/305/351	HELB	NO	TRANSMITTER, LEVEL	NO	CVC	APD
18	BARTON	24039	332/305/351	HELB	NO	TRANSMITTER, LEVEL	NO	CVC	APD
19	BARTCN	24062 #	332	LOCA	YES (R)	TRANSMITTER, LEVEL	NO	RHR	APD

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

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 PLANT ID NO: 11267 COMPONENT: LEVEL SWITCH MANUFACTURER: BARTON MODEL NUMBER: 290A FUNCTION: D/G FUEL OIL DAY TANK 1A1/1A2 DPI SERVICE: LEVEL INDICATION LOCATION: GRID AE.1/7.9/597 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	N/A	44	N/A	N/A	NONE
	PRESSURE PSIA	13.5-15.7	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
	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.

11267
DG-MECH

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 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

11/16/82
SUBMITTAL 11/18/82

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: TRANSMITTER, DP	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 BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

16416
SBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 16417	TEMPERATURE DEG. F.	110	N/A	37,39	N/A	N/A	NONE
COMPONENT: TRANSMITTER, DP	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 BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

16417
SBV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 16427 COMPONENT: DP SWITCH MANUFACTURER: BARTON MODEL NUMBER: 288A FUNCTION: CONTAINMENT VACUUM BREAKER CVIA (31337) SERVICE: CONTROL SOLENOID VALVE 33291 LOCATION: GRID K.0/5.8/638 AUX BLDG FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	OPERATIONAL TIME	30 DAYS	>2 YEARS	35	135	TEST/ANALY	NONE
	TEMPERATURE DEG. F.	110	N/A	37,39	N/A	N/A	NONE
	PRESSURE PSIA	13.7-15.7	N/A	37,39	N/A	N/A	NONE
	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,43	N/A	N/A	NONE
	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
	RADIATION RADS	1.2E5	3E6	41	90	TYPE TEST	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 BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

16427
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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 CVIB (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 BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

16428
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 24023	TEMPERATURE DEG. F.	60-104	N/A	171	N/A	N/A	NONE
COMPONENT: TRANSMITTER, LEVEL	PRESSURE PSIA	13.7-15.7	N/A	171	N/A	N/A	NONE
MANUFACTURER: BARTON							
MODEL NUMBER: 332/305/351	RELATIVE HUMIDITY PCT	10-80%	N/A	171	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.5/6.0/638 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

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL.	OUTSTANDING
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.	METHOD	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	171	N/A	N/A	NONE
COMPONENT: TRANSMITTER, LEVEL	PRESSURE PSIA	13.7-15.7	N/A	171	N/A	N/A	NONE
MANUFACTURER: BARTON							
MODEL NUMBER: 332/305/351	RELATIVE HUMIDITY PCT	10-80%	N/A	171	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

11/16/82
SUBMITTAL 11/18/82

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: 24025	TEMPERATURE DEG. F.	60-104	N/A	171	N/A	N/A	NONE
COMPONENT: TRANSMITTER, LEVEL	PRESSURE PSIA	13.7-15.7	N/A	171	N/A	N/A	NONE
MANUFACTURER: BARTON							
MODEL NUMBER: 332/305/351	RELATIVE HUMIDITY PCT	10-80%	N/A	171	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-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

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 24026	TEMPERATURE DEG. F.	60-104	N/A	171	N/A	N/A	NONE
COMPONENT: TRANSMITTER, LEVEL	PRESSURE PSIA	13.7-15.7	N/A	171	N/A	N/A	NONE
MANUFACTURER: BARTON							
MODEL NUMBER: 332/305/351	RELATIVE HUMIDITY PCT	10-80%	N/A	171	N/A	N/A	NONE
FUNCTION: BA 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

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	N/A	35	N/A	N/A	NONE
PLANT ID NO: 24027	TEMPERATURE DEG. F.	60-104	N/A	171	N/A	N/A	NONE
COMPONENT: TRANSMITTER, LEVEL	PRESSURE PSIA	13.7-15.7	N/A	171	N/A	N/A	NONE
MANUFACTURER: BARTON							
MODEL NUMBER: 332/305/351	RELATIVE HUMIDITY PCT	10-80%	N/A	171	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

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 24028	TEMPERATURE DEG. F.	60-104	N/A	171	N/A	N/A	NONE
COMPONENT: TRANSMITTER, LEVEL	PRESSURE PSIA	13.7-15.7	N/A	171	N/A	N/A	NONE
MANUFACTURER: BARTON							
MODEL NUMBER: 332/305/351	RELATIVE HUMIDITY PCT	10-80%	N/A	171	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 BIBLIOGRAPY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

24028
CVC

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	1/2 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: TRANSMITTER, DP	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: LEVEL INDICATION ON PRZR L 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.O.43901).
B) SPECIFIED TEMPERATURE EXCEEDS QUALIFICATION TEMPERATURE FOR LESS THAN 1 MINUTE.

24029
EP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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 # LT-428 COMPONENT: TRANSMITTER, LEVEL	TEMPERATURE DEG. F.	293 120 (HELB)	NOTE B 288	1 114	71	SIMULT	NONE
	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 % 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 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

11/16/82
SUBMITTAL 11/18/82

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 # LT-427	TEMPERATURE DEG. F.	293 120 (HELB)	NOTE B 288	1 114	71	SIMULT	NONE
COMPONENT: TRANSMITTER, LEVEL	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-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: 603' (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.

24031
RC

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 # LT-426	TEMPERATURE DEG. F.	293 120 (HELB)	NOTE B 288	1 114	71	SIMULT	NONE
COMPONENT: TRANSMITTER, LEVEL	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 % 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 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 AND ELEVATED TEMPERATURE (P.O.43901).
B) SPECIFIED TEMPERATURE EXCEEDS QUALIFICATION TEMPERATURE FOR LESS THAN 1 MINUTE.

24032
RC

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 24038	TEMPERATURE DEG. F.	60-104	N/A	171	N/A	N/A	NONE
COMPONENT: TRANSMITTER, LEVEL	PRESSURE PSIA	13.7-15.7	N/A	171	N/A	N/A	NONE
MANUFACTURER: BARTON							
MODEL NUMBER: 332/305/351	RELATIVE HUMIDITY PCT	10-80%	N/A	171	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-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

11/16/82
SUBMITTAL 11/18/82

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: 24039	TEMPERATURE DEG. F.	60-104	N/A	171	N/A	N/A	NONE
COMPONENT: TRANSMITTER, LEVEL	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	171	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

11/16/82
SUBMITTAL 11/18/82

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	30 DAYS	>2 YEARS	35	137	TEST/ANALY	NONE
PLANT ID NO: 24062 # LT-921	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: TRANSMITTER, LEVEL	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: LT-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 (R)

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

24062
RHR

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM STUDY BY
1	BETTIS	31038-L	RX 321	LOCA	NO	LIMIT SWITCH	NO	ASP
2	BETTIS	31040-L	RX 321	LOCA	NO	LIMIT SWITCH	NO	ASP

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

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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 HDR 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 BIBLIOGRAPY

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

11/16/82
SUBMITTAL 11/18/82

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: 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 RCOM 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

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM STUDY BY
1	BOSTON INSULATE WIRE	BIW-1	BOSTRAD 7	LOCA	YES (T,P,H,CS,R,S)	CONTROL CABLE	YES	MISC

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

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	74	TYPE TEST/ ANALYSIS	NONE
PLANT ID NO: BIW-1	TEMPERATURE DEG. F.	293	318	1	12	SIMULT	NONE
COMPONENT: CONTROL CABLE MANUFACTURER: BOSTON INSULATE WIRE	PRESSURE PSIA	60.7	90	2,3	12	SIMULT	NONE
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

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
1	BRIGGS ELECTRIC	1E-0242	BUILT PER SPEC	LOCA	NO	RELAY PANEL, AUX	NO	RRM	APD
2	BRIGGS ELECTRIC	1E-0243	BUILT PER SPEC	LOCA	NO	RELAY PANEL, AUX	NO	RRM	APD
3	BRIGGS ELECTRIC	1E-0269	BUILT PER SPEC	LOCA	NO	FUSE PANEL	NO	RRM	APD
4	BRIGGS ELECTRIC	1E-0270	BUILT PER SPEC	LOCA	NO	FUSE PANEL	NO	RRM	APD
5	BRIGGS ELECTRIC	1E-0272	BUILT PER SPEC	HELB	NO	FUSE PANEL	NO	RRM	APD
6	BRIGGS ELECTRIC	1E-0273	BUILT PER SPEC	HELB	NO	FUSE PANEL	NO	RRM	APD
7	BRIGGS ELECTRIC	1E-0274	BUILT PER SPEC	LOCA HELB	NO NO	FUSE PANEL	NO	RRM	APD
8	BRIGGS ELECTRIC	1E-0275	BUILT PER SPEC	LOCA HELB	NO NO	FUSE PANEL	NO	RRM	APD
9	BRIGGS ELECTRIC	1E-0575	BUILT PER SPEC	HELB	NO	LOGIC PANEL	NO	ABSV	APD
10	BRIGGS ELECTRIC	1E-0576	BUILT PER SPEC	HELB	NO	LOGIC PANEL	NO	ABSV	APD

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

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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-0242	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: RELAY PANEL, AUX	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: RR143 AUX RELAY RACK 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-0242
RRM

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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-0243	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: RELAY PANEL, AUX	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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: RR170 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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 PLANT ID NO: 1E-0270 COMPONENT: FUSE PANEL MANUFACTURER: BRIGGS ELECTRIC MODEL NUMBER: BUILT PER SPEC FUNCTION: RR171 SAFEGUARD 5 DIST (DC) ACTUATION & CONTROL SERVICE: ENGINEERED SAFEGUARD & REACTOR PROTECTION LOCATION: RELAY ROOM FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	OPERATIONAL TIME	1 YEAR	N/A	41	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
	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

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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-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	119,171	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

11/16/82
SUBMITTAL 11/18/82

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-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	119,171	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:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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-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	119,171 119	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

11/16/82
SUBMITTAL 11/18/82

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	119,171 119	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.

1E-0275
RRM

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 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	119,171	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.

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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	119,171	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 BIBLIOGRAPY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1E-0576
ABSV

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
1	C & D	1E-0532-A	ARR130HK150F3E	LOCA HELB	NO NO	BATTERY CHARGER BRA-108	NO	DC-AUX	APD
2	C & D	1E-0532-B	ARR130HK150F3E	LOCA HELB	NO NO	BATTERY CHARGER BRB-108	NO	DC-AUX	APD
3	C & D	1E-0539-A	LCU-25	LOCA HELB	NO NO	125V BATTERY BRA-101	NO	DC-AUX	APD
4	C & D	1E-0539-B	LCU-25	LOCA HELB	NO NO	125V BATTERY BRB-101	NO	DC-AUX	APD

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

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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-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	119 119,171	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

11/16/82
SUBMITTAL 11/18/82

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 BRB-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 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 BIBLIOGRAPY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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-0539-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: 125V BATTERY BRA-101 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: 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	119 119,171	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

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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-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 BRB-101 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: 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	119 119,171	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 BIBLIOGRAPY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM STUDY BY
1	CHEVRON	CHE-1	BRB-2 SRI-2	LOCA	YES (T,P,H,CS,R,S)	LUBRICATION GREASE	YES	MISC

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

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	16,17,172, 176	SIMULT	NONE
PLANT ID NO: CHE-1	TEMPERATURE DEG. F.	293	350	1	16,17,172, 176	SEPARATE	NONE
COMPONENT: LUBRICATION GREASE	PRESSURE PSIA	60.7	89.7	2,3	16,17,172, 176	SIMULT	NONE
MANUFACTURER: CHEVRON							
MODEL NUMBER: BRB-2 SRI-2	RELATIVE HUMIDITY PCT	100%	100%	2	16,17,172, 176	SIMULT	NONE
FUNCTION: FAN MOTORS	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 8.9 NOTE A	4,5,118	16,17,122, 172,176 16,17,101, 172,176	SEPARATE/ CALC	NONE
SERVICE: LUBRICATION	RADIATION RADS	5E7 GAMMA 2E6 BETA	2E8 GAMMA >2E6 BETA	2,6,7,8	16,17,101, 172	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

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM STUDY BY
1	CHROMALOX	1-238		LOCA	YES (R)	CARBON FILTER ELECTRIC HEATER	NO	SBV
2	CHROMALOX	1-239		LOCA	YES (R)	CARBON FILTER ELECTRIC HEATER	NO	SBV
3	CHROMALOX	1-449		LOCA	YES (R)	ELECTRIC HEATER	NO	ABSV
4	CHROMALOX	1-450		LOCA	YES (R)	ELECTRIC HEATER	NO	ABSV

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

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

UNIT: KEWAUNEE

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	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.

1-238
SBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	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: SHIELD BUILDING FILTER ASS'Y 1B 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.4/4.6/643 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 BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

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

1-239
SBV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 1-449	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 (R)

NOTES:

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

1-449
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 1-450	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 BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:

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

1-450
ABSV

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
1	CLARK	42AX/1-131	PM-5U4-2	LOCA	NO	RELAYS (3), AUX IN MCC 1-52E	NO	ASP	APD
2	CLARK	42AX/1-164	PM	LOCA	NO	RELAYS (2), AUX IN MCC 1-52E	NO	ASP	APD
3	CLARK	42AX/1-201	PM	LOCA	NO	RELAY, AUX IN MCC 1-52A	NO	ASP	
4	CLARK	42AX/1-211	PM	LOCA	NO	RELAY, AUX IN MCC 1-62E	NO	ASP	
5	CLARK	42AX/1-298	PM 5U4+2	LOCA	NO	RELAYS (2), AUX IN MCC 1-52E	NO	ASP	APD
6	CLARK	42AX/1-583-A	PM 5U4	LOCA	NO	AUX CONTACT IN MCC 1-52B	NO	ASP	APD
7	CLARK	42AX/1-601	PM-5U4-2	LOCA	NO	RELAYS (2), AUX IN MCC 1-52F	NO	ASP	APD
8	CLARK	42AX/1-602	PM-5U4-2AND 5U2	LOCA	NO	RELAYS (2)	NO	ASP	PDS
9	CLARK	42X/1-126	5U4-2-76	LOCA	NO	RELAY, AUX IN MCC 1-52F	NO	ASP	APD
10	CLARK	42X/1-144	PM	LOCA	NO	RELAY, AUX	NO	ASP	PDS
11	CLARK	42X/1-667(1&2)	PM	LOCA	NO	AUX RLY (2)/AUX RLAY RACK RR143 TRAIN A	NO	ASP	
12	CLARK	42X2/1-668(1&2)	PM	LOCA	NO	AUX CONTACTS (2) TO MCC1-62C /RELAY, AUX RACK RR144 TRAIN B	NO	ASP	
13	CLARK	52HX/15108	PM	LOCA	NO	RELAY, AUX IN PANEL DR 103 TRAIN A	NO	ASP	APD
14	CLARK	52HX/16108	PM	LOCA	NO	RELAY, AUX IN PANEL DR 113 TRAIN B	NO	ASP	APD
15	CLARK	52X.16104	PM 5U6	LOCA	NO	RELAY, AUX/RELAY, AUX RACK RR 144 TRAIN B	NO	ASP	

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

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
16	CLARK	52X/15104-1	PM 5U6	LOCA	NO	RELAY, AUX/RELAY, AUXNO RACK RR143 TRAIN A		ASP	

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

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 42AX/1-131	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: RELAYS (3), AUX IN MCC 1-52E MANUFACTURER: CLARK	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MODEL NUMBER: PM-5U4-2	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 ROOM 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 BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

449100403
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 42AX/1-164	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: RELAYS (2), AUX IN MCC 1-52E MANUFACTURER: CLARK	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MODEL NUMBER: PM	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 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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

449100405
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 42AX/1-201	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: RELAY, AUX IN MCC 1-52A MANUFACTURER: CLARK	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MODEL NUMBER: PM	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: TB FAN COIL 1A ANNUNCIATION	CHEMICAL SPRAY	N/A	N/A	N/A	N/A NOTE A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	N/A	119	N/A	N/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) SEE AGING PROGRAM DESCRIPTION. TO BE REPLACED.

449100601
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 42AX/1-211	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: RELAY, AUX 1N MCC 1-62E MANUFACTURER: CLARK	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MODEL NUMBER: PM	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: TB FAN COIL 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A NOTE A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	N/A	119	N/A	N/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) SEE AGING PROGRAM DESCRIPTION. TO BE REPLACED.

449100602
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 42AX/1-298	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: RELAYS (2), AUX IN MCC 1-52E MANUFACTURER: CLARK	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MODEL NUMBER: PM 5U4+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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

449100503
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	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 5U4	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.

449100701
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 42AX/1-601	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: RELAYS (2), AUX 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	N/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 CR-HVAC	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.

449100505
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 42AX/1-602	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: RELAYS (2)	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: CLARK							
MODEL NUMBER: PM-5U4-2AND 5U2	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	<1E5	N/A	197	N/A	N/A	NOTE
LOCATION: IN TB-2087 GRID G.3/5.8/645 AUX BLDG SV ZONE	AGING	NOTE B	NOTE A	NOTE B	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.

449100506
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 42X/1-126	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: RELAY, AUX IN MCC 1-52F MANUFACTURER: CLARK	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MODEL NUMBER: 5U4-2-76	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	41	N/A	N/A	NONE
LOCATION: GRID G.5/7.6/642 AUX BLDG CR-HVAC	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.

449100805
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 42X/1-144	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: RELAY, AUX	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: SV EXC FAN 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	N/A	197	N/A	N/A	NONE
LOCATION: IN TB 2087 GRID G.3/5.8/645 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.

449100806
ASP

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

DOCKET: 50-305

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

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION. TO BE REPLACED.

449100801
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 42X2/1-668(1&2)	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: AUX CONTACTS (2) TO MCC1-62C /RELAY, AUX RACK RR144 TRAIN B MANUFACTURER: CLARK	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MODEL NUMBER: PM	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: BATT RM FAN COIL 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A NOTE A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	N/A	119	N/A	N/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) SEE AGING PROGRAM DESCRIPTION. TO BE REPLACED.

449100802
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 52HX/15108	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: RELAY, AUX IN PANEL DR 103 TRAIN A MANUFACTURER: CLARK	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MODEL NUMBER: PM	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CNTMT SPRAY PMP 1A 1-107	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	N/A	41	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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

449101201
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	N/A	35	N/A	N/A	NONE
PLANT ID NO: 52HX/16108	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: RELAY, AUX 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: PM	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CNTMT SPRAY PMP 1B 1-148	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	N/A	41	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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

449101204
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	41	N/A	N/A	NONE
PLANT ID NO: 52X.16104	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: RELAY, AUX/RELAY, AU RACK RR 144 TRAIN B	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: CLARK							
MODEL NUMBER: PM 506	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: CNMT FAN COIL 1B 1-156	CHEMICAL SPRAY	N/A	N/A	N/A	N/A NOTE A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	N/A	119,41	N/A	N/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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION. TO BE REPLACED.

449100704
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 52X/15104-1	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: RELAY, AUX/RELAY, AU RACK RR143 TRAIN A MANUFACTURER: CLARK	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MODEL NUMBER: PM 5U6	RELATIVE HUMIDITY PCT	10-40%	N/A	40	N/A	N/A	NONE
FUNCTION: CNTMT FAN COIL 1D 1-157	CHEMICAL SPRAY	N/A	N/A	N/A	N/A NOTE A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	<1E5	N/A	119	N/A	N/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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION. TO BE REPLACED.

449100706
ASP

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
1	COMMONWEALTH	1E-0519	BUILT PER SPEC	HELB	NO	DIST. CABINET BRB-123	NO	DC-AUX	APD
2	COMMONWEALTH	1E-0520-A	BUILT PER SPEC	LOCA HELB	NO NO	DIST. CABINET BRA-102	NO	DC-AUX	APD
3	COMMONWEALTH	1E-0520-B	BUILT PER SPEC	LOCA HELB	NO NO	DIST. CABINET BRB-102	NO	DC-AUX	APD
4	COMMONWEALTH	1E-0521-A	BUILT PER SPEC	LOCA HELB	NO NO	DIST. CABINET BRA-103	NO	DC-AUX	APD
5	COMMONWEALTH	1E-0521-B	BUILT PER SPEC	LOCA HELB	NO NO	DIST. CABINET BRB-103	NO	DC-AUX	APD
6	COMMONWEALTH	1E-0522-A	BUILT PER SPEC	LOCA HELB	NO NO	DIST. CABINET BRA-104	NO	DC-AUX	APD
7	COMMONWEALTH	1E-0522-B	BUILT PER SPEC	LOCA HELB	NO NO	DIST. CABINET BRB-104	NO	DC-AUX	APD
8	COMMONWEALTH	1E-0523-A	BUILT PER SPEC	LOCA HELB	NO NO	DIST CABINET BRA-105	NO	DC-AUX	APD
9	COMMONWEALTH	1E-0523-B	BUILT PER SPEC	LOCA HELB	NO NO	DIST CABINET BRB-105	NO	DC-AUX	APD
10	COMMONWEALTH	1E-0524	BUILT PER SPEC	HELB	NO	DIST CABINET BRB115	NO	DC-AUX	APD
11	COMMONWEALTH	1E-0541-A	BUILT PER SPEC	LOCA	NO	FUSE CABINET BRA-101P	NO	DC-AUX	APD
12	COMMONWEALTH	1E-0541-B	BUILT PER SPEC	LOCA	NO	FUSE CABINET BRB-101P	NO	DC-AUX	APD
13	COMMONWEALTH	1E-0542-A	BUILT PER SPEC	LOCA	NO	FUSE CABINET BRA-101N	NO	DC-AUX	APD
14	COMMONWEALTH	1E-0542-B	BUILT PER SPEC	LOCA	NO	FUSE CABINET BRB-101N	NO	DC-AUX	APD

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

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 BRB-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	119,171	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 BIBLIOGRAPY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1E-0519
DC-AUX

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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 BRA-102 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 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	119 119,171	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 BIBLIOGRAPY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1E-0520-A
DC-AUX

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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 BRB-102 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 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	119 119,171	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

11/16/82
SUBMITTAL 11/18/82

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 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	119 119,171	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

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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-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 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	119 119,171	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 BIBLIOGRAPY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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-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	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	119 119,171	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 BIBLIOGRAPY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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-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 BRB-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	119 119,171	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 BIBLIOGRAPY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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-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 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 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

11/16/82
SUBMITTAL 11/18/82

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-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 BRB-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 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

11/16/82
SUBMITTAL 11/18/82

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-0524	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: DIST CABINET BRB115	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	119,171	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 BIBLIOGRAPY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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-0541-A COMPONENT: FUSE CABINET BRA-101P MANUFACTURER: COMMONWEALTH MODEL NUMBER: BUILT PER SPEC FUNCTION: 1600A FUSE CABINET (POSITIVE) 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	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
	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

11/16/82
SUBMITTAL 11/18/82

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-0541-B	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: FUSE CABINET BRB-101P MANUFACTURER: COMMONWEALTH	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: 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 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

11/16/82
SUBMITTAL 11/18/82

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-0542-A COMPONENT: FUSE CABINET BRA-101N MANUFACTURER: COMMONWEALTH MODEL NUMBER: BUILT PER SPEC FUNCTION: 1600A FUSE CABINET (NEGATIVE) 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	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
	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

11/16/82
SUBMITTAL 11/18/82

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-B	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 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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
1	COMSTOCK	1E-0486	BUILT PER SPEC	HELB	NO	TRANSDUCER PANEL	NO	DG-MECH	APD
2	COMSTOCK	1E-0496	BUILT PER SPEC	HELB	NO	TRANSDUCER PANEL	NO	DG-MECH	APD

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

SYSTEM COMPONENT EVALUATION WORKSHEET

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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-0486	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: TRANSDUCER PANEL MANUFACTURER: COMSTOCK	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-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	119,171	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
DG-MECH

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: DIESEL GENERATOR MECHANICAL PLANT ID NO: 1E-0496 COMPONENT: TRANSDUCER PANEL MANUFACTURER: COMSTOCK MODEL NUMBER: BUILT PER SPEC FUNCTION: DR-117 TRANSDUCER PANEL 1B SERVICE: SIGNAL MODIFIER LOCATION: GRID AE.7/7.0/586 ADM BLDG D/G RM 1B 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	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	119,171	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.

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
1	CONAX	CON-01B	N-11006-35	LOCA	YES (T,P,H,CS,R)	ECSA	YES	MS	
2	CONAX	CON-02B	N-11006-35	LOCA	YES (T,P,H,CS,R)	ECSA	YES	MS	
3	CONAX	CON-03B	N-11006-35	LOCA	YES (T,P,H,CS,R)	ECSA	YES	MS	
4	CONAX	CON-04B	N-11006-35	LOCA	YES (T,P,H,CS,R)	ECSA	YES	MS	
5	CONAX	CON-05B	N-11006-45	LOCA	YES (T,P,H,CS,R)	ECSA	YES	RBV	
6	CONAX	CON-06B	N-11006-45	LOCA	YES (T,P,H,CS,R)	ECSA	YES	RBV	
7	CONAX	CON-07B	N-11006-45	LOCA	YES (T,P,H,CS,R)	ECSA	YES	RBV	
8	CONAX	CON-08B	N-11006-45	LOCA	YES (T,P,H,CS,R)	ECSA	YES	RBV	
9	CONAX	CON-09B	N-11001-31 N-21031	LOCA	YES (T,P,H,CS,R)	ECSA	YES	CVC	
10	CONAX	CON-10B	N-11001-31 N-21031	LOCA	YES (T,P,H,CS,R)	ECSA	YES	CVC	
11	CONAX	CON-11B	N-11001-31 N-21031	LOCA	YES (T,P,H,CS,R)	ECSA	YES	CVC	
12	CONAX	CON-12B	N-11001-31 N-21031	LOCA	YES (T,P,H,CS,R)	ECSA	YES	RC	
13	CONAX	CON-13B	N-11001-31 N-21031	LOCA	YES (T,P,H,CS,R)	ECSA	YES	RC	
14	CONAX	CON-14B	N-11001-31 N-21031	LOCA	YES (T,P,H,CS,R)	ECSA	YES	BT	
15	CONAX	CON-15B	N-11001-31 N-21031	LOCA	YES (T,P,H,CS,R)	ECSA	YES	BT	
16	CONAX	CON-16B	N-11001-31 N-21031	LOCA	YES (T,P,H,CS,R)	ECSA		CVC	
17	CONAX	CON-17B	N-11001-31 N-21031	LOCA	YES (T,P,H,CS,R)	ECSA		CVC	
18	CONAX	CON-18B	N-11001-31 N-21031	LOCA	YES (T,P,H,CS,R)	ECSA		CVC	

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

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	1 YEAR	35	148	SEQUENT	NONE
PLANT ID NO: CON-01B	TEMPERATURE DEG. F.	293	340	1	148	SIMULT	NONE
COMPONENT: ECSA	PRESSURE PSIA	60.7	74.7	2,3	148	SIMULT	NONE
MANUFACTURER: CONAX	RELATIVE HUMIDITY PCT	100%	100%	2	148	SIMULT	NONE
MODEL NUMBER: N-11006-35	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	148	SIMULT	NONE
FUNCTION: ELECTRICAL CONNECTION	RADIATION RADS	5E7 GAMMA 2E8 BETA	2.2E8 GAMMA	2,6,7,8	148	SEQUENT	NONE
SERVICE: FLOW XMTR S/G-1A 23001	AGING	40 YEARS	40 YEARS	2	148	SEQUENT	NONE
LOCATION: GRID 6.5/278/654 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:

CON-01B
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	1 YEAR	35	148	SEQUENT	NONE
PLANT ID NO: CON-02B	TEMPERATURE DEG. F.	293	340	1	148	SIMULT	NONE
COMPONENT: ECSA	PRESSURE PSIA	60.7	74.7	2,3	148	SIMULT	NONE
MANUFACTURER: CONAX	RELATIVE HUMIDITY PCT	100%	100%	2	148	SIMULT	NONE
MODEL NUMBER: N-11006-35	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	148	SIMULT	NONE
FUNCTION: ELECTRICAL CONNECTION	RADIATION RADS	5E7 GAMMA 2E8 BETA	2.2E8 GAMMA	2,6,7,8	148	SEQUENT	NONE
SERVICE: FLOW XMTR S/G-1B 23002	AGING	40 YEARS	40 YEARS	2	148	SEQUENT	NONE
LOCATION: GRID 16.5/112/654 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:

CON-02B
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	1 YEAR	35	148	SEQUENT	NONE
PLANT ID NO: CON-03B	TEMPERATURE DEG. F.	293	340	1	148	SIMULT	NONE
COMPONENT: ECSA	PRESSURE PSIA	60.7	74.7	2,3	148	SIMULT	NONE
MANUFACTURER: CONAX	RELATIVE HUMIDITY PCT	100%	100%	2	148	SIMULT	NONE
MODEL NUMBER: N-11006-35	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	148	SIMULT	NONE
FUNCTION: ELECTRICAL CONNECTION	RADIATION RADS	5E7 GAMMA 2E8 BETA	2.2E8 GAMMA	2,6,7,8	148	SEQUENT	NONE
SERVICE: FLOW XMTR S/G-1A 23005	AGING	40 YEARS	40 YEARS	2	148	SEQUENT	NONE
LOCATION: GRID 8/265/654 RX BLDG							
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:

CON-03B
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	1 YEAR	35	148	SEQUENT	NONE
PLANT ID NO: CON-04B	TEMPERATURE DEG. F.	293	340	1	148	SIMULT	NONE
COMPONENT: ECSA	PRESSURE PSIA	60.7	74.7	2,3	148	SIMULT	NONE
MANUFACTURER: CONAX	RELATIVE HUMIDITY PCT	100%	100%	2	148	SIMULT	NONE
MODEL NUMBER: N-11006-35	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	148	SIMULT	NONE
FUNCTION: ELECTRICAL CONNECTION	RADIATION RADS	5E7 GAMMA 2E8 BETA	2.2E8 GAMMA	2,6,7,8	148	SEQUENT	NONE
SERVICE: FLOW XMTR S/G-1B 23007	AGING	40 YEARS	40 YEARS	2	148	SEQUENT	NONE
LOCATION: GRID 16.5/115/654 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 BIBLIOGRAPY

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

NOTES:

CON-04B
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	148	SEQUENT	NONE
PLANT ID NO: CON-05B	TEMPERATURE DEG. F.	293	340	1	148	SIMULT	NONE
COMPONENT: ECSA	PRESSURE PSIA	60.7	74.7	2,3	148	SIMULT	NONE
MANUFACTURER: CONAX	RELATIVE HUMIDITY PCT	100%	100%	2	148	SIMULT	NONE
MODEL NUMBER: N-11006-45	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	148	SIMULT	NONE
FUNCTION: ELECTRICAL CONNECTION	RADIATION RADS	5E7 GAMMA 2E8 BETA	2.2E8 GAMMA	2,6,7,8	148	SEQUENT	NONE
SERVICE: CONTROL CNTMT ISOL INSIDE VESSEL RXH CV31124/RBV 4-2	AGING	40 YEARS	40 YEARS	2	148	SEQUENT	NONE
LOCATION: GRID 2.5/103/666 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 BIBLIOGRAPY

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

NOTES:

CON-05B
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	148	SEQUENT	NONE
PLANT ID NO: CON-06B	TEMPERATURE DEG. F.	293	340	1	148	SIMULT	NONE
COMPONENT: ECSA	PRESSURE PSIA	60.7	74.7	2,3	148	SIMULT	NONE
MANUFACTURER: CONAX							
MODEL NUMBER: N-11006-45	RELATIVE HUMIDITY PCT	100%	100%	2	148	SIMULT	NONE
FUNCTION: ELECTRICAL CONNECTION	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	148	SIMULT	NONE
SERVICE: CONTROL CNTMT ISOL INSIDE VESSEL RXH CV31124/RBV 4-2	RADIATION RADS	5E7 GAMMA 2E8 BETA	2.2E8 GAMMA	2,6,7,8	148	SEQUENT	NONE
LOCATION: GRID 2.5/103/666 RX BLDG	AGING	40 YEARS	40 YEARS	2	148	SEQUENT	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,R)

NOTES:

CON-06B
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	148	SEQUENT	NONE
PLANT ID NO: CON-07B	TEMPERATURE DEG. F.	293	340	1	148	SIMULT	NONE
COMPONENT: ECSA	PRESSURE PSIA	60.7	74.7	2,3	148	SIMULT	NONE
MANUFACTURER: CONAX	RELATIVE HUMIDITY PCT	100%	100%	2	148	SIMULT	NONE
MODEL NUMBER: N-11006-45	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	148	SIMULT	NONE
FUNCTION: ELECTRICAL CONNECTION	RADIATION RADS	5E7 GAMMA 2E8 BETA	2.2E8 GAMMA	2,6,7,8	148	SEQUENT	NONE
SERVICE: CONTROL CNTMT ISOL INSIDE VESSEL RXH CV31124/RBV 4-4	AGING	40 YEARS	40 YEARS	2	148	SEQUENT	NONE
LOCATION: GRID 2.5/109/660 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 BIBLIOGRAPY

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

NOTES:

CON-07B
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	148	SEQUENT	NONE
PLANT ID NO: CON-08B	TEMPERATURE DEG. F.	293	340	1	148	SIMULT	NONE
COMPONENT: ECSA	PRESSURE PSIA	60.7	74.7	2,3	148	SIMULT	NONE
MANUFACTURER: CONAX	RELATIVE HUMIDITY PCT	100%	100%	2	148	SIMULT	NONE
MODEL NUMBER: N-11006-45	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	148	SIMULT	NONE
FUNCTION: ELECTRICAL CONNECTION	RADIATION RADS	5E7 GAMMA 2E8 BETA	2.2E8 GAMMA	2,6,7,8	148	SEQUENT	NONE
SERVICE: CONTROL CNTMT ISOL INSIDE VESSEL RXH CV31126/RBV 4-4	AGING	40 YEARS	40 YEARS	2	148	SEQUENT	NONE
LOCATION: GRID 2.5/109/660 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 BIBLIOGRAPY

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

NOTES:

CON-08B
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	148	SEQUENT	NONE
PLANT ID NO: CON-09B	TEMPERATURE DEG. F.	293	340	1	148	SIMULT	NONE
COMPONENT: ECSA	PRESSURE PSIA	60.7	74.7	2,3	148	SIMULT	NONE
MANUFACTURER: CONAX							
MODEL NUMBER: N-11001-31 N-21031	RELATIVE HUMIDITY PCT	100%	100%	2	148	SIMULT	NONE
FUNCTION: VALVE 2666 POSITION IND	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	148	SIMULT	NONE
SERVICE: LS 31231 LETDOWN 4B	RADIATION RADS	5E7 GAMMA 2E8 BETA	2.2E8 GAMMA	2,6,7,8	148	SEQUENT	NONE
LOCATION: GRID 7/320/596 RX BLDG	AGING	40 YEARS	40 YEARS	2	148	SEQUENT	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,R)

NOTES:

CON-09B
CVC

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	148	SEQUENT	NONE
PLANT ID NO: CON-10B	TEMPERATURE DEG. F.	293	340	1	148	SIMULT	NONE
COMPONENT: ECSA	PRESSURE PSIA	60.7	74.7	2,3	148	SIMULT	NONE
MANUFACTURER: CONAX							
MODEL NUMBER: N-11001-31 N-21031	RELATIVE HUMIDITY PCT	100%	100%	2	148	SIMULT	NONE
FUNCTION: VALVE 2667 POSITION IND	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	148	SIMULT	NONE
SERVICE: LS 31232 LETDOWN 4B	RADIATION RADS	5E7 GAMMA 2E8 BETA	2.2E8 GAMMA	2,6,7,8	148	SEQUENT	NONE
LOCATION: GRID 9/320/596 RX BLDG	AGING	40 YEARS	40 YEARS	2	148	SEQUENT	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,R)

NOTES:

CON-10B
CVC

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	148	SEQUENT	NONE
PLANT ID NO: CON-11B	TEMPERATURE DEG. F.	293	340	1	148	SIMULT	NONE
COMPONENT: ECSA	PRESSURE PSIA	60.7	74.7	2,3	148	SIMULT	NONE
MANUFACTUERER: CONAX							
MODEL NUMBER: N-11001-31 N-21031	RELATIVE HUMIDITY PCT	100%	100%	2	148	SIMULT	NONE
FUNCTION: VALVE 2668 POSITION IND	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	148	SIMULT	NONE
SERVICE: LS 31233 LETDOWN 4C	RADIATION RADS	5E7 GAMMA 2E8 BETA	2.2E8 GAMMA	2,6,7,8	148	SEQUENT	NONE
LOCATION: GRID 11/320/596 RX BLDG	AGING	40 YEARS	40 YEARS	2	148	SEQUENT	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,R)

NOTES:

CON-11B
CVC

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	148	SEQUENT	NONE
PLANT ID NO: CON-12B	TEMPERATURE DEG. F.	293	340	1	148	SIMULT	NONE
COMPONENT: ECSA	PRESSURE PSIA	60.7	74.7	2,3	148	SIMULT	NONE
MANUFACTURER: CONAX							
MODEL NUMBER: N-11001-31 N-21031	RELATIVE HUMIDITY PCT	100%	100%	2	148	SIMULT	NONE
FUNCTION: VALVE 2669 POSITION IND	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	148	SIMULT	NONE
SERVICE: LS 31263 RC 402	RADIATION RADS	5E7 GAMMA 2E8 BETA	2.2E8 GAMMA	2,6,7,8	148	SEQUENT	NONE
LOCATION: GRID 17/105/646 RX BLDG	AGING	40 YEARS	40 YEARS	2	148	SEQUENT	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:

CON-12B
RC

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	148	SEQUENT	NONE
PLANT ID NO: CON-13B	TEMPERATURE DEG. F.	293	340	1	148	SIMULT	NONE
COMPONENT: ECSA	PRESSURE PSIA	60.7	74.7	2,3	148	SIMULT	NONE
MANUFACTURER: CONAX							
MODEL NUMBER: N-11001-31 N-21031	RELATIVE HUMIDITY PCT	100%	100%	2	148	SIMULT	NONE
FUNCTION: VALVE 2670 POSITION IND	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	148	SIMULT	NONE
SERVICE: LS 31264 RC 412	RADIATION RADS	5E7 GAMMA 2E8 BETA	2.2E8 GAMMA	2,6,7,8	148	SEQUENT	NONE
LOCATION: GRID 23/122/631 RX BLDG	AGING	40 YEARS	40 YEARS	2	148	SEQUENT	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,R)

NOTES:

CON-13B
RC

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: BLOWDOWN TREATMENT	OPERATIONAL TIME	30 DAYS	1 YEAR	35	148	SEQUENT	NONE
PLANT ID NO: CON-14B	TEMPERATURE DEG. F.	293	340	1	148	SIMULT	NONE
COMPONENT: ECSA	PRESSURE PSIA	60.7	74.7	2,3	148	SIMULT	NONE
MANUFACTURER: CONAX	RELATIVE HUMIDITY PCT	100%	100%	2	148	SIMULT	NONE
MODEL NUMBER: N-11001-31 N-21031	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	148	SIMULT	NONE
FUNCTION: VALVE 2671 POSITION IND	RADIATION RADS	5E7 GAMMA 2E8 BETA	2.2E8 GAMMA	2,6,7,8	148	SEQUENT	NONE
SERVICE: LS 31270 BT 31A	AGING	40 YEARS	40 YEARS	2	148	SEQUENT	NONE
LOCATION: GRID 6/75/611 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 BIBLIOGRAPY

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

NOTES:

CON-14B
BT

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: BLOWDOWN TREATMENT	OPERATIONAL TIME	30 DAYS	1 YEAR	35	148	SEQUENT	NONE
PLANT ID NO: CON-15B	TEMPERATURE DEG. F.	293	340	1	148	SIMULT	NONE
COMPONENT: ECSA	PRESSURE PSIA	60.7	74.7	2,3	148	SIMULT	NONE
MANUFACTURER: CONAX	RELATIVE HUMIDITY PCT	100%	100%	2	148	SIMULT	NONE
MODEL NUMBER: N-11001-31 N-21031	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	148	SIMULT	NONE
FUNCTION: VALVE 2672 POSITION IND	RADIATION RADS	5E7 GAMMA 2E8 BETA	2.2E8 GAMMA	2,6,7,8	148	SEQUENT	NONE
SERVICE: LS 31334 BT 31B	AGING	40 YEARS	40 YEARS	2	148	SEQUENT	NONE
LOCATION: GRID 6/75/611 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 BIBLIOGRAPY

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

NOTES:

CON-15B
BT

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	148	SEQUENT	NONE
PLANT ID NO: CON-16B	TEMPERATURE DEG. F.	293	340	1	148	SIMULT	NONE
COMPONENT: ECSA	PRESSURE PSIA	60.7	74.7	2,3	148	SIMULT	NONE
MANUFACTURER: CONAX							
MODEL NUMBER: N-11001-31 N-21031	RELATIVE HUMIDITY PCT	100%	100%	2	148	SIMULT	NONE
FUNCTION: VALVE OPEN POSITION IND	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	148	SIMULT	NONE
SERVICE: LS 31231 LD-4A	RADIATION RADS	5E7 GAMMA 2E8 BETA	2.2E8 GAMMA	2,6,7,8	148	SEQUENT	NONE
LOCATION: GRID 7/320/596 RX BLDG	AGING	40 YEARS	40 YEARS	2	148	SEQUENT	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,R)

NOTES:

CON-16B
CVC

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	148	SEQUENT	NONE
PLANT ID NO: CON-17B	TEMPERATURE DEG. F.	293	340	1	148	SIMULT	NONE
COMPONENT: ECSA	PRESSURE PSIA	60.7	74.7	2,3	148	SIMULT	NONE
MANUFACTURER: CONAX	RELATIVE HUMIDITY PCT	100%	100%	2	148	SIMULT	NONE
MODEL NUMBER: N-11001-31 N-21031	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	148	SIMULT	NONE
FUNCTION: VALVE OPEN POSITION IND	RADIATION RADS	5E7 GAMMA 2E8 BETA	2.2E8 GAMMA	2,6,7,8	148	SEQUENT	NONE
SERVICE: 31232 LD-4B	AGING	40 YEARS	40 YEARS	2	148	SEQUENT	NONE
LOCATION: GRID 9/320/596 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:

CON-17B
CVC

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	148	SEQUENT	NONE
PLANT ID NO: CON-18B	TEMPERATURE DEG. F.	293	340	1	148	SIMULT	NONE
COMPONENT: ECSA	PRESSURE PSIA	60.7	74.7	2,3	148	SIMULT	NONE
MANUFACTURER: CONAX	RELATIVE HUMIDITY PCT	100%	100%	2	148	SIMULT	NONE
MODEL NUMBER: N-11001-31 N-21031	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	148	SIMULT	NONE
FUNCTION: VALVE OPEN POSITION IND	RADIATION RADS	5E7 GAMMA 2E8 BETA	2.2E8 GAMMA	2,6,7,8	148	SEQUENT	NONE
SERVICE: 31233 LD-4C	AGING	40 YEARS	40 YEARS	2	148	SEQUENT	NONE
LOCATION: GRID 11/320/596 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 BIBLIOGRAPY

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

NOTES:

CON-18B
CVC

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
1	DWYER	32375-1	3001	LOCA	YES (R)	DP SWITCH/IND		SBV	
2	DWYER	32376-1	3004	LOCA	YES (R)	DP SWITCH/IND		SBV	
3	DWYER	32377-1	3001	LOCA	YES (R)	DP SWITCH/IND		SBV	
4	DWYER	32378-1	3001	LOCA	YES (R)	DP SWITCH/IND		SBV	
5	DWYER	32379-1	3004	LOCA	YES (R)	DP SWITCH/IND		SBV	
6	DWYER	32380-1	3001	LOCA	YES (R)	DP SWITCH/IND		SBV	

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

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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 B	35	NOTE B	NOTE B	NONE
PLANT ID NO: 32375-1	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: DP SWITCH/IND	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: DWYER							
MODEL NUMBER: 3001	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SBV RCRC FAN 1A CHECK MD	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SBV4-1 DAMPER CONTROL	RADIATION RADS	3.8E5	NOTE B	41	NOTE B	NOTE B	NONE
LOCATION: GRID JJW.0/4.0/660 AUX BLDG SV ZONE	AGING	NOTE A	NOTE B	NOTE A	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) SEE AGING PROGRAM DESCRIPTION.
B) NO QUALIFICATION DATA LOCATED. TO BE REPLACED, RELOCATED OR SHIELDED PRIOR TO SPRING 1983 OUTAGE.

32375-1
SBV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	NOTE B	35	NOTE B	NOTE B	NONE
PLANT ID NO: 32376-1	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: DP SWITCH/IND	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: DWYER							
MODEL NUMBER: 3004	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SBV RCRC FAN 1A CHECK MD	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SBV4-2 DAMPER CONTROL	RADIATION RADS	3.8E5	NOTE B	41	NOTE B	NOTE B	NONE
LOCATION: GRID JJW.0/4.0/660 AUX BLDG SV ZONE	AGING						NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	SUBMERGENCE						NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.
B) NO QUALIFICATION DATA LOCATED. TO BE REPLACED, RELOCATED OR SHIELDED PRIOR TO SPRING 1983 OUTAGE.

32376-1
SBV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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 B	35	NOTE B	NOTE B	NONE
PLANT ID NO: 32377-1	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: DP SWITCH/IND	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: DWYER							
MODEL NUMBER: 3001	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SBV EXH FAN 1A CHECK MD	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SBV5-1 DAMPER CONTROL	RADIATION RADS	3.8E5	NOTE B	41	NOTE B	NOTE B	NONE
LOCATION: GRID JJW.0/4.0/660 AUX BLDG SV ZONE	AGING	NOTE A	NOTE B	NOTE A	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) SEE AGING PROGRAM DESCRIPTION.
B) NO QUALIFICATION DATA LOCATED. TO BE REPLACED, RELOCATED OR SHIELDED PRIOR TO SPRING 1983 OUTAGE.

32377-1
SBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 B	35	NOTE B	NOTE B	NONE
PLANT ID NO: 32378-1	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: DP SWITCH/IND	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: DWYER							
MODEL NUMBER: 3001	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SBV EXH FAN 1B CHECK MD	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SBV4-3 DAMPER CONTROL	RADIATION RADS	5.7E5	NOTE B	41	NOTE B	NOTE B	NONE
LOCATION: GRID JJW.0/3.8/660 AUX BLDG SV ZONE	AGING	NOTE A	NOTE B	NOTE A	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) SEE AGING PROGRAM DESCRIPTION.
B) NO QUALIFICATION DATA LOCATED. TO BE REPLACED, RELOCATED OR SHIELDED PRIOR TO SPRING 1983 OUTAGE.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

DOCKET: 50-305

11/16/82
SUBMITTAL 11/18/82

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: SHIELD BUILDING VENTILATION	OPERATIONAL TIME	1 YEAR	NOTE B	35	NOTE B	NOTE B	NONE
PLANT ID NO: 32379-1	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: DP SWITCH/IND	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: DWYER							
MODEL NUMBER: 3004	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SBV EXH FAN 1B CHECK MD	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SBV4-4 DAMPER CONTROL	RADIATION RADS	5.7E5	NOTE B	41	NOTE B	NOTE B	NONE
LOCATION: GRID JJW.0/3.8/660 AUX BLDG SV ZONE	AGING	NOTE A	NOTE B	NOTE A	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) SEE AGING PROGRAM DESCRIPTION.
B) NO QUALIFICATION DATA LOCATED. TO BE REPLACED, RELOCATED OR SHIELDED PRIOR TO SPRING 1983 OUTAGE.

32379-1
SBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

UNIT: KEWAUNEE

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	NOTE B	35	NOTE B	NOTE B	NONE
PLANT ID NO: 32380-1	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: DP SWITCH/IND	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: DWYER							
MODEL NUMBER: 3001	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SBV EXH FAN 1B CHECK MD	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SBV5-2 DAMPER CONTROL	RADIATION RADS	5.7E5	NOTE B	41	NOTE B	NOTE B	NONE
LOCATION: GRID JJW.0/3.8/660 AUX BLDG SV ZONE	AGING	NOTE A	NOTE B	NOTE A	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) SEE AGING PROGRAM DESCRIPTION.
B) NO QUALIFICATION DATA LOCATED. TO BE REPLACED, RELOCATED OR SHIELDED PRIOR TO SPRING 1983 OUTAGE.

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM STUDY BY
1	ELECTRO-SWITCH	19530	20KD0904S3-034	LOCA	NO	SWITCH IN MCC 1-52E		RHR
2	ELECTRO-SWITCH	19531	20KD0904S3-034	LOCA	NO	SWITCH IN TB-2082		RHR
3	ELECTRO-SWITCH	19651	SERIES 20K		NO	CONTROL SWITCH		RHR
4	ELECTRO-SWITCH	19652	SERIES 20K		NO	CONTROL SWITCH		RHR
5	ELECTRO-SWITCH	19653	SERIES 20K		NO	CONTROL SWITCH		RHR
6	ELECTRO-SWITCH	19654	SERIES 20K		NO	CONTROL SWITCH		RHR

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

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	N/A	35	N/A	N/A	NONE
PLANT ID NO: 19530	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SWITCH IN MCC 1-52E MANUFACTURER: ELECTRO-SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MODEL NUMBER: 20KD0904S3-034	RELATIVE HUMIDITY PCT	10-80	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ON-OFF-AUTO	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: RHR PUMP PIT FAN COIL UNIT 1A	RADIATION RADS	<1E4	N/A	41	N/A	N/A	NONE
LOCATION: GRID HH/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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

19530
RHR

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL.	OUTSTANDING
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.	METHOD	ITEMS
SYSTEM: RESIDUAL HEAT REMOVAL	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 19531	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: SWITCH IN TB-2082 MANUFACTURER: ELECTRO-SWITCH	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MODEL NUMBER: 20KD0904S3-034	RELATIVE HUMIDITY PCT	10-80	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: ON-OFF-AUTO	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: RHR PUMP PIT FAN COIL UNIT 1B	RADIATION RADS	<1E4	N/A	41	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 BIBLIOGRAPY

HARSH:

LOCA NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: RESIDUAL HEAT REMOVAL PLANT ID NO: 19651 COMPONENT: CONTROL SWITCH MANUFACTURER: ELECTRO-SWITCH MODEL NUMBER: SERIES 20K CAT 20KD090453-034 FUNCTION: RHR PUMP PIT SUMP PUMP 1A SERVICE: LOCAL/NORMAL SWITCH LOCATION: GRID H.7/8.3/586 AUX BLDG SW ZONE 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	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	<1E4	N/A	41	N/A	N/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 BIBLIOGRAPY

HARSH:

NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

19651
RHR

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	N/A	35	N/A	N/A	NONE
PLANT ID NO: 19652	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: ELECTRO-SWITCH							
MODEL NUMBER: SERIES 20K CAT 20KD0910A8-001	RELATIVE HUMIDITY PCT	10-80	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RHR PIT SUMP PUMP 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: LOCAL/NORMAL SWITCH TB-2082	RADIATION RADS	<1E4	N/A	41	N/A	N/A	NONE
LOCATION: GRID G.0/8.0/591 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:

NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

19652
RHR

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	N/A	35	N/A	N/A	NONE
PLANT ID NO: 19653	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: ELECTRO-SWITCH							
MODEL NUMBER: SERIES 20K	RELATIVE HUMIDITY PCT	10-80	N/A	37,38,43	N/A	N/A	NONE
CAT 20KD0910A8-001							
FUNCTION: RHR PUMP 1A PIT CV-31341	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: LOCAL/NORMAL SWITCH	RADIATION RADS	<1E4	N/A	41	N/A	N/A	NONE
LOCATION: GRID H.7/8.3/586 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 BIBLIOGRAPY

HARSH:
NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 19654 COMPONENT: CONTROL SWITCH MANUFACTURER: ELECTRO-SWITCH MODEL NUMBER: SERIES 20K CAT 20KD0910A8-001 FUNCTION: RHR PUMP 1A PIT CV-31342 SERVICE: LOCAL/NORMAL SWITCH TB-2082 LOCATION: GRID G.0/8.0/591 AUX BLDG SV ZONE 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	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	<1E4	N/A	41	N/A	N/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 BIBLIOGRAPY

HARSH:

NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

19654
RHR

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
1	FENWAL	FEN-1	18000-0	LOCA	YES (R)	TEMPERATURE SWITCH	NO	SBV	
2	FENWAL	FEN-2	18000-0	LOCA	YES (R)	TEMPERATURE SWITCH	NO	SBV	
3	FENWAL	FEN-3	18000-0	LOCA	YES (R)	HEAT DETECTOR	NO	ABSV	
4	FENWAL	FEN-4	18000-0	LOCA	YES (R)	HEAT DETECTOR	NO	ABSV	

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

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	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

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	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 BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:

FEN-2
SBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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

11/16/82
SUBMITTAL 11/18/82

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: FEN-4 COMPONENT: HEAT DETECTOR MANUFACTURER: FENWAL MODEL NUMBER: 18000-0 FUNCTION: ZONE SV EXHAUST FILTER ASSY. 1B SERVICE: CONTROL CARB. FILTER HTR 1B (1-450) LOCATION: GRID GW.H/6.7/657 AUX BLDG SV ZONE FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	OPERATIONAL TIME	1 YEAR	1 YEAR	2	124	ANALYSIS	NONE
	TEMPERATURE DEG. F.	60-104	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	3.2E6	3.2E6	41	124	ANALYSIS	NONE
	AGING	40 YEARS	40 YEARS	8	124	ANALYSIS	NONE
	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

FEN-4
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 4840215	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: INDICATING CONTROLLER	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

4840215
EP

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
1	FOXBORO	1E-0205	BUILT PER SPEC	LOCA	NO	RELAY PANEL	NO	RRM	APD
2	FOXBORO	1E-0206	BUILT PER SPEC	LOCA	NO	RELAY PANEL	NO	RRM	APD
3	FOXBORO	1E-0207	BUILT PER SPEC	LOCA	NO	RELAY PANEL	NO	RRM	APD
4	FOXBORO	1E-0208	BUILT PER SPEC	LOCA	NO	RELAY PANEL	NO	RRM	APD
5	FOXBORO	1E-0211	BUILT PER SPEC	LOCA	NO	RELAY PANEL	NO	RRM	APD
6	FOXBORO	1E-0212	BUILT PER SPEC	LOCA	NO	RELAY PANEL	NO	RRM	APD
7	FOXBORO	1E-0213	BUILT PER SPEC	LOCA	NO	RELAY PANEL	NO	RRM	APD
8	FOXBORO	1E-0214	BUILT PER SPEC	LOCA	NO	RELAY PANEL	NO	RRM	APD
9	FOXBORO	1E-0577	BUILT PER SPEC	HELB	NO	PROTECTION RACK	NO	ABSV	APD
10	FOXBORO	1E-0578	BUILT PER SPEC	HELB	NO	PROTECTION RACK	NO	ABSV	APD
11	FOXBORO	1E-0579	BUILT PER SPEC	HELB	NO	PROTECTION RACK	NO	ABSV	APD
12	FOXBORO	1E-0580	BUILT PER SPEC	HELB	NO	PROTECTION RACK	NO	ABSV	APD
13	FOXBORO	15254	RDF STANDARD	HELB	NO	RTD	NO	ABSV	APD
14	FOXBORO	15255	RDF STANDARD	HELB	NO	RTD	NO	ABSV	APD
15	FOXBORO	15256	RDF STANDARD	HELB	NO	RTD	NO	ABSV	APD
16	FOXBORO	15257	RDF STANDARD	HELB	NO	RTD	NO	ABSV	APD
17	FOXBORO	15258	RDF STANDARD	HELB	NO	RTD	NO	ABSV	APD
18	FOXBORO	15259	RDF STANDARD	HELB	NO	RTD	NO	ABSV	APD
19	FOXBORO	15263	RDF STANDARD	HELB	NO	RTD	NO	ABSV	APD
20	FOXBORO	15264	RDF STANDARD	HELB	YES (T,H)	RTD	NO	ABSV	APD
21	FOXBORO	15265	RDF STANDARD	HELB	YES (T,H)	RTD	NO	ABSV	

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

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
22	FOXBORO	15266	RDF STANDARD	HELB	NO	RTD	NO	ABSV	APD
23	FOXBORO	15267	RDF STANDARD	HELB	NO	RTD	NO	ABSV	APD
24	FOXBORO	15268	RDF STANDARD	HELB	NO	RTD	NC	ABSV	APD
25	FOXBORO	15269	RDF STANDARD	HELB	NO	RTD	NO	ABSV	APD
26	FOXBORO	15272	RDF STANDARD	HELB	NO	RTD	NO	ABSV	APD
27	FOXBORO	15273	RDF STANDARD	HELB	YES (T,H)	RTD	NO	ABSV	
28	FOXBORO	15274	RDF STANDARD	HELB	NO	RTD	NO	ABSV	APD
29	FOXBORO	15275	RDF STANDARD	HELB	NO	RTD	NO	ABSV	APD
30	FOXBORO	15276	RDF STANDARD	HELB	NO	RTD	NO	ABSV	APD
31	FOXBORO	15277	RDF STANDARD	HELB	NO	RTD	NO	ABSV	APD
32	FOXBORO	15279	RDF STANDARD	HELB	YES (T,H)	RTD	NC	ABSV	
33	FOXBORO	15280	RDF STANDARD	HELB	NO	RTD	NO	ABSV	APD
34	FOXBORO	15281	RDF STANDARD	HELB	NO	RTD	NO	ABSV	APD
35	FOXBORO	15282	RDF STANDARD	HELB	NO	RTD	NO	ABSV	APD
36	FOXBORO	15283	RDF STANDARD	HELB	NO	RTD	NO	ABSV	APD
37	FOXBORO	15284	RDF STANDARD	HELB	NO	RTD	NO	ABSV	APD
38	FOXBORO	15285	RDF STANDARD	HELB	NO	RTD	NC	ABSV	APD
39	FOXBORO	15286	RDF STANDARD	HELB	NO	RTD	NO	ABSV	APD
40	FOXBORO	21038	N-E11GH-HIM2-E	LOCA	YES (T,P,H,CS,R)	TRANSMITTER, PRESS.	YES	EP	
41	FOXBORO	21077	N-E11GH-HIM2-E	LOCA	YES (T,P,H,CS,R)	TRANSMITTER, PRESS.	YES	EP	
42	FOXBORO	21079 #	N-E11GM-HIE1-E	LOCA HELB	YES (T,P,H,CS,R) YES (R)	TRANSMITTER, PRESS.	YES	RC	

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

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM STUDY BY
43	FOXBORO	21080 #	N-E11GM-HIE1-E	LOCA YES (T,P,H,CS,R) HELB YES (R)		TRANSMITTER, PRESS.	YES	RC
44	FOXBORO	21081 #	N-E11GM-HIE1-E	LOCA YES (T,P,H,CS,R) HELB YES (R)		TRANSMITTER, PRESS.	YES	RC
45	FOXBORO	21082 #	N-E11GM-HIE1-E	LOCA YES (T,P,H,CS,R)		TRANSMITTER, PRESS.	YES	RC
46	FOXBORO	21084 #	N-E11GM-HID1-E	LOCA YES (R)		TRANSMITTER, PRESS.	NO	RHR
47	FOXBORO	21085 #	N-E11GM-HID1-E	LOCA YES (R)		TRANSMITTER, PRESS.	NO	RHR
48	FOXBORO	21094	N-E11GM-HIE1-E	HELB YES (T,H)		TRANSMITTER, PRESS.	NO	MS
49	FOXBORO	21095	N-E11GM-HIE1-E	HELB YES (T,H)		TRANSMITTER, PRESS.	NO	MS
50	FOXBORO	21096	N-E11GM-HIE1-E	HELB YES (T,H)		TRANSMITTER, PRESS.	NO	MS
51	FOXBORO	21097	N-E11GM-HIE1-E	HELB YES (T,H)		TRANSMITTER, PRESS.	NO	MS
52	FOXBORO	21098	N-E11GM-HIE1-E	HELB YES (T,H)		TRANSMITTER, PRESS.	NO	MS
53	FOXBORO	21099	N-E11GM-HIE1-E	HELB YES (T,H)		TRANSMITTER, PRESS.	NO	MS
54	FOXBORO	21100 #	N-E11DM-HIBI-AE	LOCA YES (R)		TRANSMITTER, PRESS.	NO	RBV
55	FOXBORO	21101 #	N-E11DM-HIBI-AE	LOCA YES (R)		TRANSMITTER, PRESS.	NO	RBV
56	FOXBORO	21102 #	N-E11DM-HIBI-AE	LOCA YES (R)		TRANSMITTER, PRESS.	NO	RBV
57	FOXBORO	21114	N-E11GM-HID1-E	LOCA YES (R)		TRANSMITTER, PRESS.	NO	ICS
58	FOXBORO	21115	N-E11GM-HID1-E	LOCA YES (R)		TRANSMITTER, PRESS.	NO	ICS
59	FOXBORO	21117	N-E11DM-HIBI-AE	LOCA YES (R)		TRANSMITTER, PRESS.	NO	RBV
60	FOXBORO	21118	N-E11DM-HIBI-AE	LOCA YES (R)		TRANSMITTER, PRESS.	NO	RBV
61	FOXBORO	21119	N-E11DM-HIBI-AE	LOCA YES (R)		TRANSMITTER, PRESS.	NO	RBV
62	FOXBORO	23030	N-E13DM-HIH1-E	LOCA YES (R)		TRANSMITTER, FLOW	NO	EP

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

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
63	FOXBORO	24040 #	N-E11GM-HIB1-E	LOCA	YES (R)	TRANSMITTER, LEVEL	NO	RHR	
64	FOXBORO	24042	N-E13DH-HIM1-E	LOCA	YES (T,P,H,CS,R)	TRANSMITTER, DP	YES	MS	
65	FOXBORO	24043	N-E13DH-HIM1-E	LOCA	YES (T,P,H,CS,R)	TRANSMITTER, DP	YES	MS	
66	FOXBORO	24044	N-E13DH-HIM1-E	LOCA	YES (T,P,H,CS,R)	TRANSMITTER, DP	YES	MS	
67	FOXBORO	24046	N-E13DH-HIM1-E	LOCA	YES (T,P,H,CS,R)	TRANSMITTER, DP	YES	MS	
68	FOXBORO	24047	N-E13DH-HIM1-E	LOCA	YES (T,P,H,CS,R)	TRANSMITTER, DP	YES	MS	
69	FOXBORO	24048	N-E13DH-HIM1-E	LOCA	YES (T,P,H,CS,R)	TRANSMITTER, DP	YES	MS	
70	FOXBORO	24067	N-E11GM-HIA1-E	LOCA	YES (R)	TRANSMITTER, PRESS.	NO	ICS	
71	FOXBORO	4840209	62H-2E	LOCA	NO	INDICATING CONTROLLER	NO	EP	APD
72	FOXBORO	4840215	62H-2E	LOCA	NO	INDICATING CONTROLLER	NO	EP	APD

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

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 BIBLIOGRAPY

HARSH:

LOCA NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

1E-0205
RRM

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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-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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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-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 BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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

11/16/82
SUBMITTAL 11/18/82

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-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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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-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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 1E-0577 COMPONENT: PROTECTION RACK MANUFACTURER: FOXBORO MODEL NUMBER: BUILT PER SPEC FUNCTION: STM EXCL PROTECTION RACK SERVICE: FR 103 STEAM EXCLUSION ACTUATION LOCATION: GRID H.0/4.2/642 AUX BLDG SV ZONE 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	37,38	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	<1E5	N/A	119,171	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 BIBLIOGRAPY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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-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	119,171	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.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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: PR 105 STEAM EXCLUSION ACTUATION	RADIATION RADS	<1E5	N/A	119,171	N/A	N/A	NONE
LOCATION: GRID H.O/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 BIBLIOGRAPY

HARSH:
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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	119,171	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 BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: RDF 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	119,171	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

11/16/82
SUBMITTAL 11/18/82

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: 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: 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 1	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: TEMP. SENSOR	RADIATION RADS	<1E5	N/A	119,171	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 BIBLIOGRAPY

HARSH:
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

15255
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 15256 COMPONENT: RTD MANUFACTURER: FOXBORO MODEL NUMBER: RDF STANDARD FUNCTION: CONT RM AC RECIRC STM EXCL RTD 1 SERVICE: TEMP. SENSOR LOCATION: GRID G.1/8.8/642 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.	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	119,171	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 BIBLIOGRAPY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

15256
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 15257 COMPONENT: RTD MANUFACTURER: FOXBORO MODEL NUMBER: RDF STANDARD FUNCTION: CONT RM AC MAKE-UP AIR STM EXCL RTD 1 SERVICE: TEMP. SENSOR LOCATION: GRID G.9/8.9/651 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.	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	119,171	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 BIBLIOGRAPY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

15257
ABSV

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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: RDF STANDARD	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: AUX BLDG LAB 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	119,171	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 BIBLIOGRAPY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

15258
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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 STN EXCL RTD 1	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: TEMP. SENSOR	RADIATION RADS	<1E5	N/A	119,171	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 BIBLIOGRAPHY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

15259
ABSV

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 15263 COMPONENT: RTD MANUFACTURER: FOXBORO MODEL NUMBER: RDF STANDARD FUNCTION: BATTERY ROOMS A/B STM EXCL RTD 2 SERVICE: TEMP. SENSOR LOCATION: GRID F.9/8.2/606 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	119,171	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 BIBLIOGRAPY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

15263
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 15264	TEMPERATURE DEG. F.	234	NOTE A	171	NOTE A	NOTE A	NONE
COMPONENT: RTD	PRESSURE PSIA	13.7-15.7	N/A	43,44,171	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: RDF STANDARD	RELATIVE HUMIDITY PCT	100%	NOTE A	171	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	119,171	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 BEFORE HELB HARSH CONDITIONS, FAILS TO SAFE CONDITION.

15264
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 15265	TEMPERATURE DEG. F.	234	NOTE A	171	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	171	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	119,171	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 BIBLIOGRAPHY

HARSH:
HELB YES (T,H)

NOTES:

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

15265
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 15266	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 FAN FLRS 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	119,171	N/A	N/A	NONE
LOCATION: GRID GW.8/5.7/657 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.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 OUTL 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	119,171	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 BIBLIOGRAPY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

15267
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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 EXCL RTD 2	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: TEMP. SENSOR	RADIATION RADS	<1E5	N/A	119,171	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 BIBLIOGRAPY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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: RDP 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	119,171	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.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	119,171	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

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 15273	TEMPERATURE DEG. F.	234	NOTE A	171	NOTE A	NOTE A	NONE
COMPONENT: RTD	PRESSURE PSIA	13.7-15.7	N/A	44,171	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: RDF STANDARD	RELATIVE HUMIDITY PCT	100%	NOTE A	171	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	119,171	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

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	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	171	NOTE A	N/A	NONE
FUNCTION: BATT RM A/B 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	119,171	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

11/16/82
SUBMITTAL 11/18/82

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: 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	119,171	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 BIBLIOGRAPY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

15275
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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	119,171	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 BIBLIOGRAPY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

15276
ABSV

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL.	OUTSTANDING
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.	METHOD	ITEMS
SYSTEM: AUX. BLDG. SPECIAL VENT PLANT ID NO: 15277 COMPONENT: RTD MANUFACTURER: FOXBORO MODEL NUMBER: RDF STANDARD FUNCTION: AUX BLDG AC EXHT TO FLTR STM EXCL RTD 2 SERVICE: TEMP. SENSOR LOCATION: GRID G.3/3.2/657 AUX BLDG SV ZONE	OPERATIONAL TIME	1 YEAR	N/A	2	N/A		NONE
	TEMPERATURE DEG. F.	60-104	N/A	171	N/A	N/A	NONE
	PRESSURE PSIA	13.7-15.7	N/A	171	N/A	N/A	NONE
	RELATIVE HUMIDITY PCT	10-80%	N/A	171	N/A	N/A	NONE
	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
	RADIATION RADS	<1E5	N/A	119,171	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	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.

15277
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	171	NOTE A	NOTE A	NONE
COMPONENT: RTD	PRESSURE PSIA	13.7-15.7	N/A	44,171	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: RDF STANDARD	RELATIVE HUMIDITY PCT	100%	NOTE A	171	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	119,171	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

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	119,171	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 BIBLIOGRAPY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

15280
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	119,171	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

11/16/82
SUBMITTAL 11/18/82

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: 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	119,171	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 BIBLIOGRAPY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

15282
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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: RDF 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	119,171	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

11/16/82
SUBMITTAL 11/18/82

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: 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	119,171	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

11/16/82
SUBMITTAL 11/18/82

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: 15285 COMPONENT: RTD MANUFACTURER: FOXBORO MODEL NUMBER: RDF STANDARD FUNCTION: AUX BLDG LAB AREA STM EXCL RTD 3 SERVICE: TEMP. SENSOR LOCATION: GRID G.9/4.9/642 AUX BLDG SV ZONE 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	37,38	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	<1E5	N/A	119,171	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 BIBLIOGRAPY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

15285
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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	119,171	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

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	NOTE B	SIMULT	NONE
PLANT ID NO: 21038	TEMPERATURE DEG. F.	293	350	1	NOTE B	SIMULT	NONE
COMPONENT: TRANSMITTER, PRESS.	PRESSURE PSIA	60.7	94.7	2,3	NOTE B	SIMULT	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: N-E11GH-HIM2-E	RELATIVE HUMIDITY PCT	100%	100%	2	NOTE B	SIMULT	NONE
FUNCTION: RX CLNT HOT LEG P XMTR	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 8.5-11.0 0.28M BA	4,5,118	NOTE B	SIMULT	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	5E7 GAMMA 2E6 BETA	2E8 GAMMA	2,6,7,8	NOTE B	SIMULT	NONE
LOCATION: GRID 14/300/611 RX BLDG	AGING	NOTE A	10 YRS AT 120 F	NOTE A	NOTE B	SIMULT	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,R)

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.
B) QUALIFICATION IN PROGRESS. EXPECT DOCUMENTATION OF TESTING FROM WYLE LAB IN NOVEMBER, 1982.

21038
EP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	NOTE B	SIMULT	NONE
PLANT ID NO: 21077	TEMPERATURE DEG. F.	293	350	1	NOTE B	SIMULT	NONE
COMPONENT: TRANSMITTER, PRESS.	PRESSURE PSIA	60.7	94.7	2,3	NOTE B	SIMULT	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: N-E11GH-HIM2-E	RELATIVE HUMIDITY PCT	100%	100%	2	NOTE B	SIMULT	NONE
FUNCTION: RC SYS HOT LEG P XMTR	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 8.5-11.0 0.28M BA	4,5,118	NOTE B	SIMULT	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	5E7 GAMMA 2E6 BETA	2E8 GAMMA	2,6,7,8	NOTE B	SIMULT	NONE
LOCATION: GRID 14/300/611 RX BLDG	AGING	NOTE A	10 YRS AT 120 F	NOTE A	NOTE B	SIMULT	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,R)

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.
B) QUALIFICATION IN PROGRESS. EXPECT DOCUMENTATION OF TESTING FROM WYLE LAB IN NOVEMBER, 1982.

21077
EP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	NOTE B	SIMULT	NONE
PLANT ID NO: 21079 # PT-431	TEMPERATURE DEG. F.	293 120 (HELB)	350 N/A	1 114	NOTE B N/A	SIMULT N/A	NONE
COMPONENT: TRANSMITTER, PRESS.	PRESSURE PSIA	60.7 13.7-15.7 HELB	94.7 N/A	2,3 114	NOTE B N/A	SIMULT N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: N-E11GM-HIE1-E	RELATIVE HUMIDITY PCT	100% 10-80% (HELB)	100% N/A	2 113	NOTE B 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 = 8.5-11.0 0.28M BA N/A	4,5,118 N/A	NOTE B N/A	SIMULT N/A	NONE
SERVICE: PRZR P TRANSMITTER	RADIATION RADS	5E7 GAMMA 2E6 BETA 5E7 GAMMA, HELB	2E8 GAMMA 2E8 GAMMA	2,6,7,8 2,6,7,8,115	NOTE B NOTE B	SIMULT SIMULT	NONE
LOCATION: GRID 29/123/611 RX BLDG	AGING	NOTE A NOTE A (HELB)	10 YRS AT 120 F 10 YRS AT 120 F	NOTE A NOTE A	NOTE B NOTE B	SIMULT SIMULT	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 9	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:

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

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.
B) QUALIFICATION IN PROGRESS. EXPECT DOCUMENTATION OF TESTING FROM WYLE LAB IN NOVEMBER, 1982.

21079
RC

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	NOTE B	SIMULT	NONE
PLANT ID NO: 21080 # PT-430	TEMPERATURE DEG. F.	293 120 (HELB)	350 N/A	1 114	NOTE B N/A	SIMULT N/A	NONE
COMPONENT: TRANSMITTER, PRESS.	PRESSURE PSIA	60.7 13.7-15.7 HELB	94.7 N/A	2,3 114	NOTE B N/A	SIMULT N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: N-E11GM-HIE1-E	RELATIVE HUMIDITY PCT	100% 10-80% (HELB)	100% N/A	2 113	NOTE B N/A	SIMULT N/A	NONE
FUNCTION: PRESSURE MEASUREMENT ON PRZR-1B	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH N/A (HELB)	PH = 8.5-11.0 0.28M BA N/A	4,5,118 N/A	NOTE B N/A	SIMULT N/A	NONE
SERVICE: PRZR P TRANSMITTER	RADIATION RADS	5E7 GAMMA 2E6 BETA 5E7 GAMMA, HELB	2E8 GAMMA 2E8 GAMMA	2,6,7,8 2,6,7,8,115	NOTE B NOTE B	SIMULT SIMULT	NONE
LOCATION: GRID 13/112/611 RX BLDG	AGING	NOTE A NOTE A (HELB)	10 YRS AT 120 F 10 YRS AT 120 F	NOTE A NOTE A	NOTE B NOTE B	SIMULT SIMULT	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 9	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

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

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.
B) QUALIFICATION IN PROGRESS. EXPECT DOCUMENTATION OF TESTING FROM WYLE LAB IN NOVEMBER, 1982.

21080
RC

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	NOTE B	SIMULT	NONE
PLANT ID NO: 21081 # PT-429	TEMPERATURE DEG. F.	293 120 (HELB)	350 N/A	1 114	NOTE B N/A	SIMULT N/A	NONE
COMPONENT: TRANSMITTER, PRESS.	PRESSURE PSIA	60.7 13.7-15.7 HELB	94.7 N/A	2,3 114	NOTE B N/A	SIMULT N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: N-E11GM-HIE1-E	RELATIVE HUMIDITY PCT	100% 10-80% (HELB)	100% N/A	2 113	NOTE B 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 = 8.5-11.0 0.28M BA N/A	4,5,118 N/A	NOTE B N/A	SIMULT N/A	NONE
SERVICE: PRZR P TRANSMITTER	RADIATION RADS	5E7 GAMMA 2E6 BETA 5E7 GAMMA, HELB	2E8 GAMMA 2E8 GAMMA	2,6,7,8 2,6,7,8,115	NOTE B NOTE B	SIMULT SIMULT	NONE
LOCATION: GRID 17/98/611 RX BLDG	AGING	NOTE A NOTE A (HELB)	10 YRS AT 120 F 10 YRS AT 120 F	NOTE A NOTE A	NOTE B NOTE B	SIMULT SIMULT	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 9	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:

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

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.
B) QUALIFICATION IN PROGRESS. EXPECT DOCUMENTATION OF TESTING FROM WYLE LAB IN NOVEMBER, 1982.

21081
RC

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	NOTE B	SIMULT	NONE
PLANT ID NO: 21082 # PT-449	TEMPERATURE DEG. F.	293	350	1	NOTE B	SIMULT	NONE
COMPONENT: TRANSMITTER, PRESS.	PRESSURE PSIA	60.7	94.7	2,3	NOTE B	SIMULT	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: N-E11GM-HIE1-E	RELATIVE HUMIDITY PCT	100%	100%	2	NOTE B	SIMULT	NONE
FUNCTION: PRESSURE MEASUREMENT ON PRZR-1D	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 8.5-11.0 0.28M BA	4,5,118	NOTE B	SIMULT	NONE
SERVICE: PRZR P TRANSMITTER	RADIATION RADS	5E7 GAMMA 2E6 BETA	2E8 GAMMA	2,6,7,8	NOTE B	SIMULT	NONE
LOCATION: GRID 24/108/611 RX BLDG	AGING	NOTE A	10 YRS AT 120 F	NOTE A	NOTE B	SIMULT	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,R)

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.
B) QUALIFICATION IN PROGRESS. EXPECT DOCUMENTATION OF TESTING FROM WYLE LAB IN NOVEMBER, 1982.

21082
RC

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: RESIDUAL HEAT REMOVAL	OPERATIONAL TIME	30 DAYS	1 YEAR	41	NOTE B	SIMULT	NONE
PLANT ID NO: 21084 # PT-629	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: TRANSMITTER, PRESS.	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: N-E11GM-HID1-E	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 GAMMA	41	NOTE B	SIMULT	NONE
LOCATION: GRID J.5/6.7/591 AUX BLDG SV ZONE	AGING	NOTE A	10 YRS AT 120 F	NOTE A	NOTE B	SIMULT	NONE
FLOOD LEVEL ELEV: 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.
B) QUALIFICATION IN PROGRESS. EXPECT DOCUMENTATION OF TESTING FROM WYLE LAB IN NOVEMBER, 1982.

21084
RHR

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	41	NOTE B	SIMULT	NONE
PLANT ID NO: 21085 # PT-628	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: TRANSMITTER, PRESS.	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: N-E11GM-HID1-E	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 GAMMA	41	NOTE B	SIMULT	NONE
LOCATION: GRID J.5/6.5/591 AUX BLDG SV ZONE	AGING	NOTE A	10 YRS AT 120 F	NOTE A	NOTE B	SIMULT	NONE
FLOOD LEVEL ELEV: 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.
B) QUALIFICATION IN PROGRESS. EXPECT DOCUMENTATION OF TESTING FROM WYLE LAB IN NOVEMBER, 1982.

21085
RHR

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: MAIN STEAM	OPERATIONAL TIME	2 HOURS	1 YEAR	35	NOTE B	SIMULT	NONE
PLANT ID NO: 21094	TEMPERATURE DEG. F.	298	350	171	NOTE B	SIMULT	NONE
COMPONENT: TRANSMITTER, PRESS.	PRESSURE PSIA	13.7-15.7	N/A	37,39,171	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: N-E11GM-HIE1-E	RELATIVE HUMIDITY PCT	100%	100%	171	NOTE B	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-468	RADIATION RADS	<1E5	N/A	119,171	N/A	N/A	NONE
LOCATION: GRID L.8/5S.9/623 AUX BLDG SV ZONE	AGING	NOTE A	10 YRS AT 120 F	NOTE A	NOTE B	SIMULT	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) SEE AGING PROGRAM DESCRIPTION.
B) QUALIFICATION IN PROGRESS. EXPECT DOCUMENTATION OF TESTING FROM WYLE LAB IN NOVEMBER, 1982.

21094
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	NOTE B	SIMULT	NONE
PLANT ID NO: 21095	TEMPERATURE DEG. F.	298	350	171	NOTE B	SIMULT	NONE
COMPONENT: TRANSMITTER, PRESS.	PRESSURE PSIA	13.7-15.7	N/A	37,39,171	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: N-E11GM-HIE1-E	RELATIVE HUMIDITY PCT	100%	100%	171	NOTE B	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	119,171	N/A	N/A	NONE
LOCATION: GRID M.2/5S.1/623 AUX BLDG	AGING	NOTE A	10 YRS AT 120 F	NOTE A	NOTE B	SIMULT	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) SEE AGING PROGRAM DESCRIPTION.
B) QUALIFICATION IN PROGRESS. EXPECT DOCUMENTATION OF TESTING FROM WYLE LAB IN NOVEMBER, 1982.

21095
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REP. * SPEC.	DOCUMENTATION REP. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: MAIN STEAM	OPERATIONAL TIME	2 HOURS	1 YEAR	35	NOTE B	SIMULT	NONE
PLANT ID NO: 21096	TEMPERATURE DEG. F.	298	350	171	NOTE B	SIMULT	NONE
COMPONENT: TRANSMITTER, PRESS.	PRESSURE PSIA	13.7-15.7	N/A	37,39	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: N-E11GM-HIE1-E	RELATIVE HUMIDITY PCT	100%	100%	171	NOTE B	SIMULT	NONE
S/N 2321687							
FUNCTION: STM GEN 1A STM OUTL P XMTR	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: PT-482	RADIATION RADS	<1E5	N/A	119,171	N/A	N/A	NONE
LOCATION: GRID M.2/4.5/623 AUX BLDG	AGING	NOTE A	10 YRS AT 120 F	NOTE A	NOTE B	SIMULT	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) SEE AGING PROGRAM DESCRIPTION.
B) QUALIFICATION IN PROGRESS. EXPECT DOCUMENTATION OF TESTING FROM WYLE LAB IN NOVEMBER, 1982.

21096
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: MAIN STEAM	OPERATIONAL TIME	2 HOURS	1 YEAR	35	NOTE B	SIMULT	NONE
PLANT ID NO: 21097	TEMPERATURE DEG. F.	298	350	171	NOTE B	SIMULT	NONE
COMPONENT: TRANSMITTER, PRESS.	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: N-E11GM-HIE1-E	RELATIVE HUMIDITY PCT	100%	100%	171	NOTE B	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-478	RADIATION RADS	<1E5	N/A	119,171	N/A	N/A	NONE
LOCATION: GRID JJW.1/3.9/623 AUX BLDG	AGING	NOTE A	10 YRS AT 120 F	NOTE A	NOTE B	SIMULT	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) SEE AGING PROGRAM DESCRIPTION.
B) QUALIFICATION IN PROGRESS. EXPECT DOCUMENTATION OF TESTING FROM WYLE LAB IN NOVEMBER, 1982.

21097
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: MAIN STEAM	OPERATIONAL TIME	2 HOURS	1 YEAR	35	NOTE B	SIMULT	NONE
PLANT ID NO: 21098	TEMPERATURE DEG. F.	298	350	171	NOTE B	SIMULT	NONE
COMPONENT: TRANSMITTER, PRESS.	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: N-E11GM-HIE1-E	RELATIVE HUMIDITY PCT	100%	100%	171	NOTE B	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	119,171	N/A	N/A	NONE
LOCATION: GRID JJW.1/3.9/623 AUX BLDG	AGING	NOTE A	10 YRS AT 120 F	NOTE A	NOTE B	SIMULT	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) SEE AGING PROGRAM DESCRIPTION.
B) QUALIFICATION IN PROGRESS. EXPECT DOCUMENTATION OF TESTING FROM WYLE LAB IN NOVEMBER, 1982.

21098
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	NOTE B	SIMULT	NONE
PLANT ID NO: 21099	TEMPERATURE DEG. F.	298	350	171	NOTE B	SIMULT	NONE
COMPONENT: TRANSMITTER, PRESS.	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: N-E11GM-HIE1-E	RELATIVE HUMIDITY PCT	100%	100%	171	NOTE B	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-483	RADIATION RADS	<1E5	N/A	119,171	N/A	N/A	NONE
LOCATION: GRID JJW.1/3.9/623 AUX BLDG	AGING	NOTE A	10 YRS AT 120 F	NOTE A	NOTE B	SIMULT	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 BIBLIOGRAPY

HARSH:

HELB YES (T,H)

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.
B) QUALIFICATION IN PROGRESS. EXPECT DOCUMENTATION OF TESTING FROM WYLE LAB IN NOVEMBER, 1982.

21099
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	120 DAYS	1 YEAR	35	NOTE B	SIMULT	NONE
PLANT ID NO: 21100 #	TEMPERATURE DEG. F.	110	N/A	37,39	N/A	N/A	NONE
COMPONENT: TRANSMITTER, PRESS.	PRESSURE PSIA	13.7-15.7	N/A	37,39	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: N-E11DM-HIB1-AE	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,43	N/A	N/A	NONE
FUNCTION: ESF ACTUATION	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTAINMENT PRESSURE	RADIATION RADS	1.2E5	2E8 GAMMA	41	NOTE B	SIMULT	NONE
LOCATION: GRID J.3/5.6/638 AUX BLDG	AGING	NOTE A	10 YRS AT 120 F	NOTE A	NOTE B	SIMULT	NONE
FLOOD LEVEL ELEV: N/A ABOVE 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) QUALIFICATION TESTING IN PROGRESS. EXPECT DOCUMENTATION FROM WYLE LAB IN NOVEMBER, 1982.

21100
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	120 DAYS	1 YEAR	35	NOTE B	SIMULT	NONE
PLANT ID NO: 21101 #	TEMPERATURE DEG. F.	110	N/A	37,39	N/A	N/A	NONE
COMPONENT: TRANSMITTER, PRESS.	PRESSURE PSIA	13.7-15.7	N/A	37,39	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: N-E11DM-HIBI-AE	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,43	N/A	N/A	NONE
FUNCTION: ESF ACTUATION	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTAINMENT PRESSURE	RADIATION RADS	1.2E5	2E8 GAMMA	41	NOTE B	SIMULT	NONE
LOCATION: GRID J.5/5.7/638 AUX BLDG	AGING	NOTE A	10 YRS AT 120 F	NOTE A	NOTE B	SIMULT	NONE
FLOOD LEVEL ELEV: 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.
B) QUALIFICATION TESTING IN PROGRESS. EXPECT DOCUMENTATION FROM WYLE LAB IN NOVEMBER, 1982.

21101
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	2 MONTHS	1 YEAR	35	NOTE B	SIMULT	NONE
PLANT ID NO: 21102 #	TEMPERATURE DEG. F.	110	N/A	37,39	N/A	N/A	NONE
COMPONENT: TRANSMITTER, PRESS.	PRESSURE PSIA	13.7-15.7	N/A	37,39	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: N-E11DM-HIBI-AE	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,43	N/A	N/A	NONE
FUNCTION: ESF ACTUATION	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTAINMENT PRESSURE	RADIATION RADS	1.2E5	2E8 GAMMA	41	NOTE B	SIMULT	NONE
LOCATION: GRID K.0/5.8/638 AUX BLDG	AGING	NOTE A	10 YRS AT 120 F	NOTE A	NOTE B	SIMULT	NONE
FLOOD LEVEL ELEV: 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.
B) QUALIFICATION TESTING IN PROGRESS. EXPECT DOCUMENTATION FROM WYLE LAB IN NOVEMBER, 1982.

21102
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	NOTE B	SIMULT TES	NONE
PLANT ID NO: 21114	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: TRANSMITTER, PRESS.	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: N-E11GM-HID1-E	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 GAMMA	41	NOTE B	SIMULT	NONE
LOCATION: GRID GW.0/6.0/591 AUX BLDG SV ZONE	AGING	NOTE A	10 YRS AT 120 F	NOTE A	NOTE B	SIMULT	NONE
FLOOD LEVEL ELEV: N/A ABOVE 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) QUALIFICATION IN PROGRESS. EXPECT DOCUMENTATION OF TESTING FROM WYLE LAB IN NOVEMBER, 1982.

21114
ICS

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	NOTE B	SIMULT TES	NONE
PLANT ID NO: 21115	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: TRANSMITTER, PRESS.	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: N-E11GM-HID1-E	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 GAMMA	41	NOTE B	SIMULT	NONE
LOCATION: GRID GW.0/6.0/591 AUX BLDG SV ZONE	AGING	NOTE A	10 YRS AT 120 F	NOTE A	NOTE B	SIMULT	NONE
FLOOD LEVEL ELEV: 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.
B) QUALIFICATION IN PROGRESS. EXPECT DOCUMENTATION OF TESTING FROM WYLE LAB IN NOVEMBER, 1982.

21115
ICS

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	120 DAYS	1 YEAR	35	NOTE B	SIMULT	NONE
PLANT ID NO: 21117	TEMPERATURE DEG. F.	110	N/A	37,39	N/A	N/A	NONE
COMPONENT: TRANSMITTER, PRESS.	PRESSURE PSIA	13.7-15.7	N/A	37,39	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: N-E11DM-HIBI-AE	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,43	N/A	N/A	NONE
FUNCTION: CONTAINMENT PRESSURE	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ESF ACTUATION	RADIATION RADS	1.2E5	2E8 GAMMA	41	NOTE B	SIMULT	NONE
LOCATION: GRID K.0/5.8/638 AUX BLDG	AGING	NOTE A	10 YRS AT 120 F	NOTE A	NOTE B	SIMULT	NONE
FLOOD LEVEL ELEV: N/A ABOVE 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) QUALIFICATION TESTING IN PROGRESS. EXPECT DOCUMENTATION FROM WYLE LAB IN NOVEMBER, 1982.

21117
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	120 DAYS	1 YEAR	35	NOTE B	SIMULT	NONE
PLANT ID NO: 21118	TEMPERATURE DEG. F.	110	N/A	37,39	N/A	N/A	NONE
COMPONENT: TRANSMITTER, PRESS.	PRESSURE PSIA	13.7-15.7	N/A	37,39	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: N-E11DM-HIBI-AE	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,43	N/A	N/A	NONE
FUNCTION: CONTAINMENT PRESSURE	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ESF ACTUATION	RADIATION RADS	1.2E5	2E8 GAMMA	41	NOTE B	SIMULT	NONE
LOCATION: GRID J.5/5.7/638 AUX BLDG	AGING	NOTE A	10 YRS AT 120 F	NOTE A	NOTE B	SIMULT	NONE
FLOOD LEVEL ELEV: N/A ABOVE 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) QUALIFICATION TESTING IN PROGRESS. EXPECT DOCUMENTATION FROM WYLE LAB IN NOVEMBER, 1982.

21118
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	120 DAYS	1 YEAR	35	NOTE B	SIMULT	NONE
PLANT ID NO: 21119	TEMPERATURE DEG. F.	110	N/A	37,39	N/A	N/A	NONE
COMPONENT: TRANSMITTER, PRESS.	PRESSURE PSIA	13.7-15.7	N/A	37,39	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: N-E11DM-HIBI-AE	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,43	N/A	N/A	NONE
FUNCTION: CONTAINMENT PRESSURE	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ESF ACTUATION	RADIATION RADS	1.2E5	2E8 GAMMA	41	NOTE B	SIMULT	NONE
LOCATION: GRID J.1/5.5/638 AUX BLDG	AGING	NOTE A	10 YRS AT 120 F	NOTE A	NOTE B	SIMULT	NONE
FLOOD LEVEL ELEV: 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.
B) QUALIFICATION TESTING IN PROGRESS. EXPECT DOCUMENTATION FROM WYLE LAB IN NOVEMBER, 1982.

21119
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: EMERGENCY PROCEDURE	OPERATIONAL TIME	30 DAYS	1 YEAR	41	NOTE B	SIMULT.	NONE
PLANT ID NO: 23030	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: TRANSMITTER, FLOW	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: N-E13DM-HIH1-E	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RHR PUMP OUTLET P XMTR	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	2.9E7	2E8 GAMMA	41	NOTE B	SIMULT	NONE
LOCATION: GRID J.2/5.8/591 AUX BLDG SV ZONE	AGING	NOTE A	10 YRS AT 120 F	NOTE A	NOTE B	SIMULT	NONE
FLOOD LEVEL ELEV: 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.
B) QUALIFICATION IN PROGRESS. EXPECT DOCUMENTATION OF TESTING FROM WYLE LAB IN NOVEMBER, 1982.

23030
EP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	30 DAYS	1 YEAR	41	NOTE B	SIMULT	NONE
PLANT ID NO: 24040 # LT-920	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: TRANSMITTER, LEVEL	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: N-E11GM-HIB1-E	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 GAMMA	41	NOTE B	SIMULT	NONE
LOCATION: GRID G.9/5.8/591 AUX BLDG SV ZONE	AGING	NOTE A	10 YRS AT 120 F	NOTE A	NOTE B	SIMULT	NONE
FLOOD LEVEL ELEV: 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.
B) QUALIFICATION IN PROGRESS. EXPECT DOCUMENTATION OF TESTING FROM WYLE LAB IN NOVEMBER, 1982.

24040
RHR

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	NOTE B	SIMULT TST	NONE
PLANT ID NO: 24042	TEMPERATURE DEG. F.	293	350	1	NOTE B	SIMULT	NONE
COMPONENT: TRANSMITTER, DP	PRESSURE PSIA	60.7	94.7	2,3	NOTE B	SIMULT	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: N-E13DH-HIM1-E	RELATIVE HUMIDITY PCT	100%	100%	2	NOTE B	SIMULT	NONE
FUNCTION: S/G 1A L XMTR	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 8.5-11.0 0.28M BA	4,5,118	NOTE B	SIMULT	NONE
SERVICE: LT-461	RADIATION RADS	5E7 GAMMA 2E6 BETA	2E8 GAMMA	2,6,7,8	NOTE B	SIMULT	NONE
LOCATION: GRID 6.5/278/611 RX BLDG	AGING	NOTE A	10 YRS AT 120 F	NOTE A	NOTE B	SIMULT	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) SEE AGING PROGRAM DESCRIPTION.
B) QUALIFICATION IN PROGRESS. EXPECT DOCUMENTATION OF TESTING FROM WYLE LAB IN NOVEMBER, 1982.

24042
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	NOTE B	SIMULT TST	NONE
PLANT ID NO: 24043	TEMPERATURE DEG. F.	293	350	1	NOTE B	SIMULT	NONE
COMPONENT: TRANSMITTER, DP MANUFACTURER: FOXBORO	PRESSURE PSIA	60.7	94.7	2,3	NOTE B	SIMULT	NONE
MODEL NUMBER: N-E13DH-HIM1-E	RELATIVE HUMIDITY PCT	100%	100%	2	NOTE B	SIMULT	NONE
FUNCTION: S/G 1A L XMTR	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 8.5-11.0 0.28M BA	4,5,118	NOTE B	SIMULT	NONE
SERVICE: LT-462	RADIATION RADS	5E7 GAMMA 2E6 BETA	2E8 GAMMA	2,6,7,8	NOTE B	SIMULT	NONE
LOCATION: GRID 6.5/279/611 RX BLDG	AGING	NOTE A	10 YRS AT 120 F	NOTE A	NOTE B	SIMULT	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,R)

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.
B) QUALIFICATION IN PROGRESS. EXPECT DOCUMENTATION OF TESTING FROM WYLE LAB IN NOVEMBER, 1982.

24043
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	NOTE B	SIMULT TST	NONE
PLANT ID NO: 24044	TEMPERATURE DEG. F.	293	350	1	NOTE B	SIMULT	NONE
COMPONENT: TRANSMITTER, DP	PRESSURE PSIA	60.7	94.7	2,3	NOTE B	SIMULT	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: N-E13DH-HIM1-E	RELATIVE HUMIDITY PCT	100%	100%	2	NOTE B	SIMULT	NONE
FUNCTION: S/G 1A L XMTR	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 8.5-11.0 0.28M BA	4,5,118	NOTE B	SIMULT	NONE
SERVICE: LT-463	RADIATION RADS	5E7 GAMMA 2E6 BETA	2E8 GAMMA	2,6,7,8	NOTE B	SIMULT	NONE
LOCATION: GRID 6.0/282/611 RX BLDG	AGING	NOTE A	10 YRS AT 120 F	NOTE A	NOTE B	SIMULT	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,R)

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.
B) QUALIFICATION IN PROGRESS. EXPECT DOCUMENTATION OF TESTING FROM WYLE LAB IN NOVEMBER, 1982.

24044
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	NOTE B	SIMULT TST	NONE
PLANT ID NO: 24046	TEMPERATURE DEG. F.	293	350	1	NOTE B	SIMULT	NONE
COMPONENT: TRANSMITTER, DP	PRESSURE PSIA	60.7	94.7	2,3	NOTE B	SIMULT	NONE
MANUFACTURER: FOXBORO	RELATIVE HUMIDITY PCT	100%	100%	2	NOTE B	SIMULT	NONE
MODEL NUMBER: N-E13DH-HIM1-E	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 8.5-11.0 0.28M BA	4,5,118	NOTE B	SIMULT	NONE
FUNCTION: S/G 1B L XMTR	RADIATION RADS	5E7 GAMMA 2E6 BETA	2E8 GAMMA	2,6,7,8	NOTE B	SIMULT	NONE
SERVICE: LT-471	AGING	NOTE A	10 YRS AT 120 F	NOTE A	NOTE B	SIMULT	NONE
LOCATION: GRID 24/108/611 RX BLDG							
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) SEE AGING PROGRAM DESCRIPTION.
B) QUALIFICATION IN PROGRESS. EXPECT DOCUMENTATION OF TESTING FROM WYLE LAB IN NOVEMBER, 1982.

24046
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	NOTE B	SIMULT TST	NONE
PLANT ID NO: 24047	TEMPERATURE DEG. F.	293	350	1	NOTE B	SIMULT	NONE
COMPONENT: TRANSMITTER, DP	PRESSURE PSIA	60.7	94.7	2,3	NOTE B	SIMULT	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: N-E13DH-HIM1-E	RELATIVE HUMIDITY PCT	100%	100%	2	NOTE B	SIMULT	NONE
FUNCTION: S/G 1B L XMTR	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 8.5-11.0 0.28M BA	4,5,118	NOTE B	SIMULT	NONE
SERVICE: LT-472	RADIATION RADS	5E7 GAMMA 2E6 BETA	2E8 GAMMA	2,6,7,8	NOTE B	SIMULT	NONE
LOCATION: GRID 17/98/611 RX BLDG	AGING	NOTE A	10 YRS AT 120 F	NOTE A	NOTE B	SIMULT	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) SEE AGING PROGRAM DESCRIPTION.
B) QUALIFICATION IN PROGRESS. EXPECT DOCUMENTATION OF TESTING FROM WYLE LAB IN NOVEMBER, 1982.

24047
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	NOTE B	SIMULT TST	NONE
PLANT ID NO: 24048	TEMPERATURE DEG. F.	293	350	1	NOTE B	SIMULT	NONE
COMPONENT: TRANSMITTER, DP	PRESSURE PSIA	60.7	94.7	2,3	NOTE B	SIMULT	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: N-E13DH-HIM1-E	RELATIVE HUMIDITY PCT	100%	100%	2	NOTE B	SIMULT	NONE
FUNCTION: S/G 1B L XMTR	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 8.5-11.0 0.28M BA	4,5,118	NOTE B	SIMULT	NONE
SERVICE: LT-473	RADIATION RADS	5E7 GAMMA 2E6 BETA	2E8 GAMMA	2,6,7,8	NOTE B	SIMULT	NONE
LOCATION: GRID 16/78/611 RX BLDG	AGING	NOTE A	10 YRS AT 120 F	NOTE A	NOTE B	SIMULT	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) SEE AGING PROGRAM DESCRIPTION.
B) QUALIFICATION IN PROGRESS. EXPECT DOCUMENTATION OF TESTING FROM WYLE LAB IN NOVEMBER, 1982.

24048
MS

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	2 HOURS	1 YEAR	35	NOTE B	SIMULT TES	NONE
PLANT ID NO: 24067	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: TRANSMITTER, PRESS.	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
MODEL NUMBER: N-E11GM-HIA1-E	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: CAUSTIC ADDTVE. 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 GAMMA	41	NOTE B	SIMULT	NONE
LOCATION: GRID GW.5/5.5/590 AUX BLDG SV ZONE	AGING	NOTE A	10 YRS AT 120 F	NOTE A	NOTE B	SIMULT	NONE
FLOOD LEVEL ELEV: N/A ABOVE 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) QUALIFICATION IN PROGRESS. EXPECT DOCUMENTATION OF TESTING FROM WYLE LAB IN NOVEMBER, 1982.

24067
ICS

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: FOXBORO							
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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

4840209
EP

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
1	GENERAL ELECTRIC	GEN-2	EB5, EB25	LOCA	YES (T,P,H,CS,R)	TERMINAL STRIPS	YES	MISC	
2	GENERAL ELECTRIC	1-667	182T	LOCA HELB	NO NO	MOTOR	NO	TBV	APD
3	GENERAL ELECTRIC	1-668	182T	LOCA HELB	NO NO	MOTOR	NO	TBV	APD
4	GENERAL ELECTRIC	1E-0326	7700 SERIES	LOCA HELB	NO NO	480V MCC 1-52A CENTER	NO	480V	APD
5	GENERAL ELECTRIC	1E-0327	7700 SERIES	LOCA HELB	NO NO	480V MCC 1-62A CENTER	NO	480V	APD
6	GENERAL ELECTRIC	1E-0328	7700 SERIES	LOCA HELB	NO NO	480V MCC1-52B	NO	480V	APD
7	GENERAL ELECTRIC	1E-0329	7700 SERIES	LOCA	NO	480V MCC 1-62B CENTER	NO	480V	APD
8	GENERAL ELECTRIC	1E-0330	7700 SERIES	LOCA HELB	NO NO	480V MCC 1-52C CENTERS	NO	480V	APD
9	GENERAL ELECTRIC	1E-0331	7700 SERIES	LOCA HELB	NO NO	480V MCC 1-62C CENTERS	NO	480V	APD
10	GENERAL ELECTRIC	1E-0332	7700 SERIES	LOCA HELB	NO NO	480V MCC 1-52D CENTERS	NO	480V	APD
11	GENERAL ELECTRIC	1E-0333	7700 SERIES	LOCA HELB	NO NO	480V MCC 1-62D CENTERS	NO	480V	APD
12	GENERAL ELECTRIC	1E-0334	7700 SERIES	LOCA HELB	NO NO	480V MCC 1-52E	NO	480V	APD
13	GENERAL ELECTRIC	1E-0335	7700 SERIES	LOCA HELB	NO NO	480V MCC 1-62E	NO	480V	APD
14	GENERAL ELECTRIC	1E-0336	7700 SERIES	LOCA	NO	480V MCC 1-52F CENTERS	NO	480V	APD
15	GENERAL ELECTRIC	42A/1-116	7700 SERIES	LOCA	NO	AUXILIARY CONTACT	NO	ASP	APD

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

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
16	GENERAL ELECTRIC	42A/1-118	7700 SERIES	LOCA	NO	AUXILIARY CONTACT	NO	ASP	APD
17	GENERAL ELECTRIC	42AX/1-136	CR120B02222	LOCA	NO	RELAYS, AUX IN MCC 1-62E	NO	ASP	
18	GENERAL ELECTRIC	42AX/1-183	CR120B02222	LOCA	NO	RELAYS (2), AUX IN MCC 1-62E	NO	ASP	
19	GENERAL ELECTRIC	42AX/1-299	CR120B02222	LOCA	NO	RELAYS (2), AUX IN MCC 1-62E	NO	ASP	
20	GENERAL ELECTRIC	42AX/1-584-A	CR120B02222	LOCA	NO	AUX CONTACT IN MCC 1-62B	NO	ASP	
21	GENERAL ELECTRIC	52SA/1-502	0128B1720 SB-1 GROUP 1	LOCA	NO	AUXILIARY CONTACT	NO	ASP	APD
22	GENERAL ELECTRIC	52SA/1-506	0128B1720 SB-1 GROUP 1	LOCA	NO	AUXILIARY SWITCH	NO	ASP	APD
23	GENERAL ELECTRIC	52SA/1-507	0128B1720 SB-1 GROUP 1	LOCA	NO	AUXILIARY SWITCH	NO	ASP	APD
24	GENERAL ELECTRIC	52SA/1-508	0128B1720 SB-1 GROUP 1	LOCA	NO	AUXILIARY CONTACT	NO	ASP	APD
25	GENERAL ELECTRIC	52SA/1-605	0128B1720 SB-1 GROUP 1	LOCA	NO	AUXILIARY CONTACT	NO	ASP	APD
26	GENERAL ELECTRIC	52SA/1-606	0128B1720 SB-1 GROUP 1	LOCA	NO	AUXILIARY CONTACT	NO	ASP	APD
27	GENERAL ELECTRIC	52SA/1-608	0128B1720 SB-1 GROUP 1	LOCA	NO	AUXILIARY SWITCH	NO	ASP	APD
28	GENERAL ELECTRIC	52SA/1-609	0128B1720 SB-1 GROUP 1	LOCA	NO	AUXILIARY SWITCH	NO	ASP	APD

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

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	181	SIMULT	NONE
PLANT ID NO: GEN-2	TEMPERATURE DEG. F.	293	400	1	181	SIMULT	NONE
COMPONENT: TERMINAL STRIPS	PRESSURE PSIA	60.7	88.7	2,3	181	SIMULT	NONE
MANUFACTURER: GENERAL ELECTRIC							
MODEL NUMBER: EB5, EB25	RELATIVE HUMIDITY PCT	100%	100%	2	181	SIMULT	NONE
FUNCTION: VARIOUS	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5-12.5	4,5,118	181	SIMULT	NONE
SERVICE: TERMINATIONS	RADIATION RADS	5E7 GAMMA 2E6 BETA	2.59E8	2,6,7,8	101,181	SEQUENTIAL	NONE
LOCATION: RX BLDG & AUX BLDG	AGING	40 YEARS	40 YRS AT 194 F	2	181	SEQUENTIAL	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:

GEN-2
MISC

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 1-667	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 ROOM EMERGENCY FAN COIL	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	119 119,171	N/A N/A	N/A N/A	NONE
LOCATION: GRID E.6/8.3/606 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.

1-667
TBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 1-668	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	119 119,171	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 BIBLIOGRAPY

HARSH:
LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

1-668
TBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 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	119 119,171	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	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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-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	119 119,171	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 BIBLIOGRAPY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	116,119,198 119,171	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 BIBLIOGRAPY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1E-0328
480V

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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-0329	TEMPERATURE DEG. F.	60-120	N/A	37,39	N/A	N/A	NONE
COMPONENT: 480V MCC 1-62B CENTER MANUFACTURER: GENERAL ELECTRIC	PRESSURE PSIA	13.7-15.7	N/A	37,39	N/A	N/A	NONE
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	NONE
LOCATION: GRID H.2/2.7/606 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

11/16/82
SUBMITTAL 11/18/82

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-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	119 119,171	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 BIBLIOGRAPY

HARSH:

LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 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	10-20% 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	119 119,171	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 BIBLIOGRAPY

HARSH:

LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	119 119,171	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 BIBLIOGRAPY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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-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	119 119,171	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

11/16/82
SUBMITTAL 11/18/82

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-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 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	119 119,171	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.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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-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 CONTRCL 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	119 119,171	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.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

UNIT: KEWAUNEE

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-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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1E-0336
480V

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 42A/1-116	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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

449100501
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 42A/1-118	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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

449100502
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 42AX/1-136	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: RELAYS, AUX IN MCC 1-62E MANUFACTURER: GENERAL ELECTRIC	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MODEL NUMBER: CR120B02222	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: MEZZ FAN COIL 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 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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.
SEE REFERENCE NO. 178.

449100404
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 42AX/1-183	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: RELAYS (2), AUX IN MCC 1-62E MANUFACTURER: GENERAL ELECTRIC	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MODEL NUMBER: CR120B02222	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: AUX BLDG BSMT FAN COIL 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 6/6.3/586 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 BIBLIOGRAPY

HARSH:

LOCA NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.
SEE REFERENCE NO. 178.

449100406
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 42AX/1-299	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: RELAYS (2), AUX IN MCC 1-62E MANUFACTURER: GENERAL ELECTRIC	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MODEL NUMBER: CR120B02222	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RHR PUMP FAN COIL 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 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 BIBLIOGRAPY

HARSH:

LOCA NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.
SEE REFERENCE NO. 178.

449100504
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	12 MONTHS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 42AX/1-584-A	TEMPERATURE DEG. F.	60-120	N/A	37,39	N/A	N/A	NONE
COMPONENT: AUX CONTACT IN MCC 1-62B MANUFACTURER: GENERAL ELECTRIC	PRESSURE PSIA	13.7-15.7	N/A	37,39	N/A	N/A	NONE
MODEL NUMBER: CR120B02222	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,43	N/A	N/A	NONE
FUNCTION: CNMT DOME 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: GRID H.2/2.7/606 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) SEE AGING PROGRAM DESCRIPTION.
SEE REFERENCE NO. 178.

449100702
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 52SA/1-502	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 (1-025) RPA5 CKT 15 OF SWGR CUB 1-502	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 BSNT 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.

449101103
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 52SA/1-506	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 (1-023) 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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

449100101
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 52SA/1-507	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 (1-022) IN 4160V SWGR CUB 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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

449100102
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	N/A	35	N/A	N/A	NONE
PLANT ID NO: 52SA/1-508	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 (1-020) IN RPB 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: ADM BLDG BSNT 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.

449100901
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 52SA/1-605	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 1B (1-032) 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	119	N/A	N/A	NONE
LOCATION: ADM BLDG BSNT 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.

449101104
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	N/A	35	N/A	N/A	NONE
PLANT ID NO: 52SA/1-606	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 PUMP 1B (1-027) 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.

449100902
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 52SA/1-608	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 (1-030) 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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

449100103
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 52SA/1-609	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 1B2 (1-029) IN 4160V SWGR CUB 1-609	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.

449100104
ASP

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
1	JOHNSON	32143	V-5840	LOCA	NO	MOTOR VALVE	NO	CRM-HVAC	APD
2	JOHNSON	32144	V-5840	LOCA HELB	NO NO	MOTOR VALVE	NO	CRM-HVAC	APD
3	JOHNSON	32367	M81ACA-3	LOCA	NO	MOTOR DAMPER	NO	CRM-HVAC	APD
4	JOHNSON	32368	M81ACA-3	LOCA	NO	MOTOR DAMPER	NO	CRM-HVAC	APD
5	JOHNSON	32370	M81ACA-3	LOCA HELB	NO NO	MOTOR DAMPER	NO	CRM-HVAC	APD
6	JOHNSON	32371	M81ACA-3	LOCA HELB	NO NO	MOTOR DAMPER	NO	CRM-HVAC	APD
7	JOHNSON	32374	M81ACA-3	LOCA	NO	MOTOR DAMPER	NO	CRM-HVAC	APD
8	JOHNSON	32375	D-3200	LOCA HELB	YES (R) NO	MOTOR DAMPER	NO	SBV	APD
9	JOHNSON	32375-2	PC-4000	LOCA	YES (R)	DAMPER CONTROLLER		SBV	
10	JOHNSON	32375-3	TZ5000-2	LOCA	YES (R)	TRANSFORMER 120/24 VAC, 100 VA		SBV	
11	JOHNSON	32376	D-3200	LOCA	YES (R)	MOTOR DAMPER	NO	SBV	APD
12	JOHNSON	32376-2	PC-4000	LOCA	YES (R)	DAMPER CONTROLLER		SBV	
13	JOHNSON	32376-3	TZ5000-2	LOCA	YES (R)	TRANSFORMER 120/24 VAC, 100 VA		SBV	
14	JOHNSON	32377	D-3200	LOCA	YES (R)	MOTOR DAMPER	NO	SBV	APD
15	JOHNSON	32377-2	PC-4000	LOCA	YES (R)	DAMPER CONTROLLER		SBV	
16	JOHNSON	32377-3	TZ5000-2	LOCA	YES (R)	TRANSFORMER 120/24 VAC, 100 VA		SBV	
17	JOHNSON	32378	D-3200	LOCA	YES (R)	MOTOR DAMPER	NO	SBV	APD
18	JOHNSON	32378-2	PC-4000	LOCA	YES (R)	DAMPER CONTROLLER		SBV	

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

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
19	JOHNSON	32378-3	TZ5000-2	LOCA	YES (R)	TRANSFORMER 120/24 VAC, 100 VA		SBV	
20	JOHNSON	32379	D-3200	LOCA	YES (R)	MOTOR DAMPER	NO	SBV	APD
21	JOHNSON	32379-2	PC-4000	LOCA	YES (R)	DAMPER CONTROLLER		SBV	
22	JOHNSON	32379-3	TZ5000-2	LOCA	YES (R)	TRANSFORMER 120/24 VAC, 100 VA		SBV	
23	JOHNSON	32380	D-3200	LOCA	YES (R)	MOTOR DAMPER	NO	SBV	APD
24	JOHNSON	32380-2	PC-4000	LOCA	YES (R)	DAMPER CONTROLLER		SBV	
25	JOHNSON	32380-3	TZ5000-2	LOCA	YES (R)	TRANSFORMER 120/24 VAC, 100 VA		SBV	
26	JOHNSON	32382	M81ACA-3	LOCA	YES (R)	MOTOR	NO	SBV	APD
27	JOHNSON	32383	M81ACA-3	LOCA	YES (R)	MOTOR	NO	SBV	APD
28	JOHNSON	32384	M81ACA-3	LOCA	YES (R)	MOTOR	NO	SBV	APD
29	JOHNSON	32385	M81ACA-3	LOCA	YES (R)	MOTOR	NO	SBV	APD
30	JOHNSON	32386	M81ACA-3	LOCA	YES (R)	MOTOR	NO	SBV	APD
31	JOHNSON	32387	M81ACA-3	LOCA	YES (R)	MOTOR	NO	SBV	APD
32	JOHNSON	33094	V-24	LOCA HELB	NO NO	SOLENOID VALVE	NO	CRM-HVAC	APD
33	JOHNSON	33252	V-24	LOCA	YES (R)	SOLENOID VALVE	NO	ABSV	APD
34	JOHNSON	33254	V-24	LOCA	YES (R)	SOLENOID VALVE	NO	ABSV	APD
35	JOHNSON	33255	V-24	LOCA	YES (R)	SOLENOID VALVE	NO	ABSV	APD
36	JOHNSON	33256	V-24	LOCA	YES (R)	SOLENOID VALVE	NO	ABSV	APD
37	JOHNSON	33257	V-24	LOCA	YES (R)	SOLENOID VALVE	NO	ABSV	APD

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

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
38	JOHNSON	33259	V-24	LOCA	YES (R)	SOLENOID VALVE	NO	ABSV	APD
39	JOHNSON	33260	V-24	LOCA	NO	SOLENOID VALVE	NO	ABSV	APD
40	JOHNSON	3326101	V-24	LOCA	NO	SOLENOID VALVE	NO	ABSV	APD
41	JOHNSON	3326102	V-24	LOCA	NO	SOLENOID VALVE	NO	ABSV	APD
42	JOHNSON	33262-01	V-24	LOCA	YES (R)	SOLENOID VALVE	NO	ABSV	APD
43	JOHNSON	33262-02	V-24	LOCA	YES (R)	SOLENOID VALVE	NO	ABSV	APD
44	JOHNSON	33263-01	V-24	LOCA	NO	SOLENOID VALVE	NO	ABSV	APD
45	JOHNSON	33263-02	V-24	LOCA	NO	SOLENOID VALVE	NO	ABSV	APD
46	JOHNSON	33264-01	V-24	LOCA	NO	SOLENOID VALVE	NO	ABSV	APD
47	JOHNSON	33264-02	V-24	LOCA	NO	SOLENOID VALVE	NO	ABSV	APD
48	JOHNSON	33267	V-24	LOCA	YES (R)	SOLENOID VALVE	NO	ABSV	APD
49	JOHNSON	33268-01	V-24	LOCA	YES (R)	SOLENOID VALVE	NO	ABSV	APD
50	JOHNSON	33268-02	V-24	LOCA	YES (R)	SOLENOID VALVE	NO	ABSV	APD
51	JOHNSON	3327001	V-24	LOCA	NO	SOLENOID VALVE	NO	ABSV	APD
52	JOHNSON	3327002	V-24	LOCA	NO	SOLENOID VALVE	NO	ABSV	APD
53	JOHNSON	33271	V-24	LOCA	YES (R)	SOLENOID VALVE	NO	ABSV	APD
54	JOHNSON	33289	V-24	LOCA	YES (R)	SOLENOID VALVE	NO	SBV	APD
55	JOHNSON	33290	V-24	LOCA	YES (R)	SOLENOID VALVE	NO	SBV	APD
56	JOHNSON	33328	V-24	LOCA	YES (R)	SOLENOID VALVE	NO	ABSV	APD
57	JOHNSON	33329	V-24	LOCA	YES (R)	SOLENOID VALVE	NO	ABSV	APD
58	JOHNSON	33366	V-24	LOCA	YES (R)	SOLENOID VALVE	NO	ABSV	APD

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

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
59	JOHNSON	3336701	V-24-2	LOCA NO HELB NO		SOLENOID VALVE	NO	TBV	APD
60	JOHNSON	3336702	V-24-2	LOCA NO HELB NO		SOLENOID VALVE	NO	TBV	APD
61	JOHNSON	3336801	V-24-2	LOCA NO		SOLENOID VALVE	NO	TBV	APD
62	JOHNSON	3336802	V-24-2	LOCA NO		SOLENOID VALVE	NO	TBV	APD
63	JOHNSON	3336901	V-24-2	LOCA NO HELB NO		SOLENOID VALVE	NO	TBV	APD
64	JOHNSON	3336902	V-24-2	LOCA NO HELB NO		SOLENOID VALVE	NO	TBV	APD
65	JOHNSON	3337001	V-24-2	LOCA NO		SOLENOID VALVE	NO	TBV	APD
66	JOHNSON	3337002	V-24-2	LOCA NO		SOLENOID VALVE	NO	TBV	APD
67	JOHNSON	33433	V-24	HELB YES	(T,H)	SOLENOID VALVE	NO	ABSV	
68	JOHNSON	33434	V-24	HELB NO		SOLENOID VALVE	NO	ABSV	APD
69	JOHNSON	33436	V-24	HELB NO		SOLENOID VALVE	NO	ABSV	APD
70	JOHNSON	33437	V-24	HELB NO		SOLENOID VALVE	NO	ABSV	APD
71	JOHNSON	33438	V-24	HELB NO		SOLENOID VALVE	NO	ABSV	APD
72	JOHNSON	33439	V-24	HELB NO		SOLENOID VALVE	NO	ABSV	APD
73	JOHNSON	33440	V-24	HELB NO		SOLENOID VALVE	NO	ABSV	APD
74	JOHNSON	33441	V-24	LOCA NO HELB NO		SOLENOID VALVE	NO	ABSV	APD
75	JOHNSON	33442	V-24	LOCA NO HELB NO		SOLENOID VALVE	NO	ABSV	APD
76	JOHNSON	33443	V-24	HELB NO		SOLENOID VALVE	NC	ABSV	APD

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

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
77	JOHNSON	33444	V-24	HELB	NO	SOLENOID VALVE	NO	ABSV	APD
78	JOHNSON	33445	V-24	HELB	NO	SOLENOID VALVE	NO	ABSV	APD
79	JOHNSON	33447	V-24	HELB	NO	SOLENOID VALVE	NO	ABSV	APD
80	JOHNSON	33448	V-24	HELB	NO	SOLENOID VALVE	NO	ABSV	APD
81	JOHNSON	33450	V-24	HELB	NO	SOLENOID VALVE	NO	ABSV	APD
82	JOHNSON	33451	V-24	HELB	NO	SOLENOID VALVE	NO	ABSV	APD
83	JOHNSON	33452	V-24	HELB	YES (T,H)	SOLENOID VALVE	NO	ABSV	APD
84	JOHNSON	33453	V-24	HELB	YES (T,H)	SOLENOID VALVE	NO	ABSV	APD
85	JOHNSON	33454	V-24 SAV	LOCA	NO	SOLENOID VALVE	NO	TBV	APD
86	JOHNSON	33455	V-24 SAV	LOCA	NO	SOLENOID VALVE	NO	TBV	APD
87	JOHNSON	33456	V-24 SAV	LOCA HELB	NO NO	SOLENOID VALVE	NO	TBV	APD
88	JOHNSON	33457	V-24 SAV	LOCA HELB	NO NO	SOLENOID VALVE	NO	TBV	APD

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

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 32143	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: MOTOR VALVE	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
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 BIBLIOGRAPY

HARSH:

LOCA NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

32143
CRM-HVAC

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82

UNIT: KEWAUNEE

SUBMITTAL 11/18/82

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: 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	119 119,171	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

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 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 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.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

11/16/82
SUBMITTAL 11/18/82

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

11/16/82
SUBMITTAL 11/18/82

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: POST 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	119 119,171	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 BIBLIOGRAPY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	119 119,171	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

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	41 119,171	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 YES (R)
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

32375
SBV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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 B	35	NOTE B	NOTE B	NONE
PLANT ID NO: 32375-2	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: DAMPER CONTROLLER	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: PC-4000	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SBV RCRC FAN 1A CHECK MD	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SBV4-1 DAMPER CONTROL	RADIATION RADS	3.8E5	NOTE B	41	NOTE B	NOTE B	NONE
LOCATION: GRID JJW.0/4.0/660 AUX BLDG SV ZONE	AGING	NOTE A	NOTE B	NOTE A	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) SEE AGING PROGRAM DESCRIPTION.
B) NO QUALIFICATION DATA LOCATED. TO BE REPLACED, RELOCATED OR SHIELDED PRIOR TO SPRING 1983 OUTAGE.

32375-2
SBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 B	35	NOTE B	NOTE B	NONE
PLANT ID NO: 32375-3	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: TRANSFORMER 120/24 VAC, 100 VA	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: TZ5000-2	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SBV RCRC FAN 1B CHECK MD	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SBV4-1 DAMPER CONTROL	RADIATION RADS	3.8E5	NOTE B	41	NOTE B	NOTE B	NONE
LOCATION: GRID JJW.0/4.0/660 AUX BLDG SV ZONE	AGING	NOTE A	NOTE B	NOTE A	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) SEE AGING PROGRAM DESCRIPTION.
B) NO QUALIFICATION DATA LOCATED. TO BE REPLACED, RELOCATED OR SHIELDED PRIOR TO SPRING 1983 OUTAGE.

32375-3
SBV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	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

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: SHIELD BUILDING VENTILATION PLANT ID NO: 32376-2 COMPONENT: DAMPER CONTROLLER MANUFACTURER: JOHNSON MODEL NUMBER: PC-4000 FUNCTION: SBV RCRC FAN 1A CHECK MD SERVICE: SBV4-2 DAMPER CONTROL LOCATION: GRID JJW.0/4.0/660 AUX BLDG SV ZONE FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	OPERATIONAL TIME	1 YEAR	NOTE B	35	NOTE B	NOTE B	NONE
	TEMPERATURE DEG. F.	60-104	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	3.8E5	NOTE B	41	NOTE B	NOTE B	NONE
	AGING	NOTE A	NOTE B	NOTE A	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 (R)

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.
B) NO QUALIFICATION DATA LOCATED. TO BE REPLACED, RELOCATED OR SHIELDED PRIOR TO SPRING 1983 OUTAGE.

32376-2
SBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

UNIT: KEWAUNEE

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	NOTE B	35	NOTE B	NOTE B	NONE
PLANT ID NO: 32376-3	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: TRANSFORMER 120/24 VAC, 100 VA MANUFACTURER: JOHNSON	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MODEL NUMBER: TZ5000-2	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SBV RCRC FAN 1A CHECK MD	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SBV4-2 DAMPER CONTROL	RADIATION RADS	3.8E5	NOTE B	41	NOTE B	NOTE B	NONE
LOCATION: GRID JJW.0/4.0/660 AUX BLDG SV ZONE	AGING	NOTE A	NOTE B	NOTE A	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) SEE AGING PROGRAM DESCRIPTION.
B) NO QUALIFICATION DATA LOCATED. TO BE REPLACED, RELOCATED OR SHIELDED PRIOR TO SPRING 1983 OUTAGE.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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 EXHT 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	NOTE A	41	NOTE A	NOTE A	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) NO QUALIFICATION DATA LOCATED. TO BE REPLACED WITH DOCUMENTED MODEL PRIOR TO SPRING 1983 OUTAGE.

32377
SBV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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 B	35	NOTE B	NOTE B	NONE
PLANT ID NO: 32377-2	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: DAMPER CONTROLLER	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: PC-4000	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SBV EXH FAN 1A CHECK MD	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SBV5-1 DAMPER CONTROL	RADIATION RADS	3.8E5	NOTE B	41	NOTE B	NOTE B	NONE
LOCATION: GRID JJW.0/4.0/660 AUX BLDG SV ZONE	AGING	NOTE A	NOTE B	NOTE A	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) SEE AGING PROGRAM DESCRIPTION.
B) NO QUALIFICATION DATA LOCATED. TO BE REPLACED, RELOCATED OR SHIELDED PRIOR TO SPRING 1983 OUTAGE.

32377-2
SBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 PLANT ID NO: 32377-3 COMPONENT: TRANSFORMER 120/24 VAC, 100 VA MANUFACTURER: JOHNSON MODEL NUMBER: TZ5000-2 FUNCTION: SBV RCRC FAN 1A CHECK MD SERVICE: SBV5-1 DAMPER CONTROL LOCATION: GRID JJW.0/4.0/660 AUX BLDG SV ZONE FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	OPERATIONAL TIME	1 YEAR	NOTE B	35	NOTE B	NOTE B	NONE
	TEMPERATURE DEG. F.	60-104	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	3.8E5	NOTE B	41	NOTE B	NOTE B	NONE
	AGING	NOTE A	NOTE B	NOTE A	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 (R)

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.
B) NO QUALIFICATION DATA LOCATED. TO BE REPLACED, RELOCATED OR SHIELDED PRIOR TO SPRING 1983 OUTAGE.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	>1.5 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

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 B	35	NOTE B	NOTE B	NONE
PLANT ID NO: 32378-2	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: DAMPER CONTROLLER	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: PC-4000	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SBV EXH FAN 1B CHECK MD	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SBV4-3 DAMPER CONTROL	RADIATION RADS	5.7E5	NOTE B	41	NOTE B	NOTE B	NONE
LOCATION: GRID JJW.0/3.8/660 AUX BLDG SV ZONE	AGING	NOTE A	NOTE B	NOTE A	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) SEE AGING PROGRAM DESCRIPTION.
B) NO QUALIFICATION DATA LOCATED. TO BE REPLACED, RELOCATED OR SHIELDED PRIOR TO SPRING 1983 OUTAGE.

32378-2
SBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

UNIT: KEWAUNEE

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	NOTE B	35	NOTE B	NOTE B	NONE
PLANT ID NO: 32378-3	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: TRANSFORMER 120/24 VAC, 100 VA MANUFACTURER: JOHNSON	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MODEL NUMBER: TZ5000-2	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SBV RCRC FAN 1B CHECK MD	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SBV4-3 DAMPER CONTROL	RADIATION RADS	5.7E5	NOTE B	41	NOTE B	NOTE B	NONE
LOCATION: GRID JJW.0/3.8/660 AUX BLDG SV ZONE	AGING	NOTE A	NOTE B	NOTE A	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) SEE AGING PROGRAM DESCRIPTION.
B) NO QUALIFICATION DATA LOCATED. TO BE REPLACED, RELOCATED OR SHIELDED PRIOR TO SPRING 1983 OUTAGE.

32378-3
SBV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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

HARSH:
LOCA YES (R)

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

32379
SBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 B	35	NOTE B	NOTE B	NONE
PLANT ID NO: 32379-2	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: DAMPER CONTROLLER	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: PC-4000	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SBV EXH FAN 1B CHECK MD	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SBV4-4 DAMPER CONTROL	RADIATION RADS	5.7E5	NOTE B	41	NOTE B	NOTE B	NONE
LOCATION: GRID JJW.0/3.8/660 AUX BLDG SV ZONE	AGING	NOTE A	NOTE B	NOTE A	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) SEE AGING PROGRAM DESCRIPTION.
B) NO QUALIFICATION DATA LOCATED. TO BE REPLACED, RELOCATED OR SHIELDED PRIOR TO SPRING 1983 OUTAGE.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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 B	35	NOTE B	NOTE B	NONE
PLANT ID NO: 32379-3	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: TRANSFORMER 120/24 VAC, 100 VA	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: TZ5000-2	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SBV RCRC FAN 1B CHECK MD	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SBV4-4 DAMPER CONTROL	RADIATION RADS	5.7E5	NOTE B	41	NOTE B	NOTE B	NONE
LOCATION: GRID JJW.G/3.8/660 AUX BLDG SV ZONE	AGING	NOTE A	NOTE B	NOTE A	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) SEE AGING PROGRAM DESCRIPTION.
B) NO QUALIFICATION DATA LOCATED. TO BE REPLACED, RELOCATED OR SHIELDED PRIOR TO SPRING 1983 OUTAGE.

32379-3
SBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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	NOTE A	41	NOTE A	NOTE A	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) NO QUALIFICATION DATA LOCATED. TO BE REPLACED WITH DOCUMENTED MODEL PRIOR TO SPRING 1983 OUTAGE.

32380
SBV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	NOTE B	35	NOTE B	NOTE B	NONE
PLANT ID NO: 32380-2	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: DAMPER CONTROLLER	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: PC-4000	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SBV EXH FAN 1B CHECK MD	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SBV5-2 DAMPER CONTROL	RADIATION RADS	5.7E5	NOTE B	41	NOTE B	NOTE B	NONE
LOCATION: GRID JJW.0/3.8/660 AUX BLDG SV ZONE	AGING	NOTE A	NOTE B	NOTE A	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) SEE AGING PROGRAM DESCRIPTION.
B) NO QUALIFICATION DATA LOCATED. TO BE REPLACED, RELOCATED OR SHIELDED PRIOR TO SPRING 1983 OUTAGE.

32380-2
SBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 B	35	NOTE B	NOTE B	NONE
PLANT ID NO: 32380-3	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: TRANSFORMER 120/24 VAC, 100 VA	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: TZ5000-2	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: SBV RCRC FAN 1B CHECK MD	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: SBV5-2 DAMPER CONTROL	RADIATION RADS	5.7E5	NOTE B	41	NOTE B	NOTE B	NONE
LOCATION: GRID JJW.0/3.8/660 AUX BLDG SV ZONE	AGING	NOTE A	NOTE B	NOTE A	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) SEE AGING PROGRAM DESCRIPTION.
B) NO QUALIFICATION DATA LOCATED. TO BE REPLACED, RELOCATED OR SHIELDED PRIOR TO SPRING 1983 OUTAGE.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	>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 BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

32383
SBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 PLANT ID NO: 32384 COMPONENT: MOTOR MANUFACTURER: JOHNSON MODEL NUMBER: M81ACA-3 FUNCTION: SBV RECIRC. FAN 1A RCRC MD SERVICE: SBV1-2 DAMPER OPERATOR LOCATION: GRID HE.5/4.3/660 AUX BLDG SV ZONE FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	OPERATIONAL TIME	1 YEAR	>2 YEARS	35	155	ANALYSIS	NONE
	TEMPERATURE DEG. F.	60-104	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	4.7E5	1E6	41	68	ANALYSIS	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 BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

32384
SBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

32385
SBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	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 HE.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 BIBLIOGRAPY

HARSH:

LOCA YES (R)

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

32386
SBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 RCRC 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

11/16/82
SUBMITTAL 11/18/82

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	119 119,171	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
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 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.9/5.9/663 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

11/16/82
SUBMITTAL 11/18/82

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: 33254	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	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 (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.

33254
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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.9/8.0/665 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) 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

11/16/82
SUBMITTAL 11/18/82

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: 33256 COMPONENT: SOLENOID VALVE MANUFACTURER: JOHNSON MODEL NUMBER: V-24 FUNCTION: ASV BOUNDARY DAMPER SERVICE: DAMPER CONTROL LOCATION: @CD-34014 GRID GW.9/6.9/662 AUX BLDG SV ZONE FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	OPERATIONAL TIME	1 YEAR	NOTE A	2	NOTE A	NOTE A	NONE
	TEMPERATURE DEG. F.	60-104	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	3.2E6	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 (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.

33256
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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.9/6.9/662 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

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	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-340 17 GRID GW.0/4.9/642 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 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.

33259
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 33260	TEMPERATURE DEG. F.	110	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: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39	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	41,119	N/A	N/A	NONE
LOCATION: @CV-34018 GRID GW.1/6.7/654 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.

33260
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 3326101	TEMPERATURE DEG. F.	110	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: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39	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	41,119	N/A	N/A	NONE
LOCATION: GRID H.0/8.9/634 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.

3326101
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 3326102	TEMPERATURE DEG. F.	110	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: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39	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	41,119	N/A	N/A	NONE
LOCATION: GRID H.0/8.9/634 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

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	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 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.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 (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

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 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.0/7.3/665 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.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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.0/7.3/665 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.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 33264-01 COMPONENT: SOLENOID VALVE MANUFACTURER: JOHNSON MODEL NUMBER: V-24 FUNCTION: ASV BOUNDARY DAMPERS SERVICE: DAMPER CONTROL LOCATION: @CD-34022 GRID G.0/8.0/665 AUX BLDG SV ZONE 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	37,38	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	<1E5	N/A	119	N/A	N/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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33264-01
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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.0/8.1/665 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.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 33267 COMPONENT: SOLENOID VALVE MANUFACTURER: JOHNSON MODEL NUMBER: V-24 FUNCTION: ASV BOUNDARY DAMPERS SERVICE: DAMPER CONTROL LOCATION: @CD-34025 GRID G.5/6.9/665 AUX BLDG SV ZONE FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	OPERATIONAL TIME	1 YEAR	NOTE A	2	NOTE A	NOTE A	NONE
	TEMPERATURE DEG. F.	60-104	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	4.1E5	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 (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

11/16/82
SUBMITTAL 11/18/82

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.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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.	110	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: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39	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	41,119	N/A	N/A	NONE
LOCATION: GRID H.2/9S.9/629 GRID H.0/8.9/634 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.

3327001
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 3327002 COMPONENT: SOLENOID VALVE MANUFACTURER: JOHNSON MODEL NUMBER: V-24 FUNCTION: ZONE SV BOUNDARY DAMPER (34027) SERVICE: DAMPER CONTROL LOCATION: GRID H.0/8.9/634 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.	110	N/A	37,39	N/A	N/A	NONE
	PRESSURE PSIA	13.7-15.7	N/A	37,39	N/A	N/A	NONE
	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39	N/A	N/A	NONE
	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
	RADIATION RADS	<1E5	N/A	41,119	N/A	N/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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

3327002
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 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 A	41	NOTE A	NOTE A	NONE
LOCATION: @CD-34028 GRID GW.9/5.8/663 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) 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

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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.3/4.1/647 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 BIBLIOGRAPY

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.

33289
SBV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 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.3/3.9/647 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 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.

33290
SBV

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 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 (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.

33329
ABSV

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 33366 COMPONENT: SOLENOID VALVE MANUFACTURER: JOHNSON MODEL NUMBER: V-24 FUNCTION: ASV BOUNDARY DAMPERS SERVICE: DAMPER CONTROL LOCATION: @CD-34003 GRID G.1/4.8/645 AUX BLDG SV ZONE FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	OPERATIONAL TIME	1 YEAR	NOTE A	2	NOTE A	NOTE A	NONE
	TEMPERATURE DEG. F.	60-104	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	1.4E5	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 (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

11/16/82
SUBMITTAL 11/18/82

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: 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	119 119,171	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
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

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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	119 119,171	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
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.

3336702
TBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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 1B1	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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

3336801
TBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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 1B2	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

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 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	119 119,171	N/A N/A	N/A N/A	NONE
LOCATION: @CD-340 11 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

11/16/82
SUBMITTAL 11/18/82

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 PLANT ID NO: 3336902 COMPONENT: SOLENOID VALVE MANUFACTURER: JOHNSON MODEL NUMBER: V-24-2 FUNCTION: D/G RM 1A OUTLET DAMPER SV 1A2 SERVICE: DAMPER CONTROL LOCATION: @CD-34011 GRID AE.2/7.3/631 ADM BLDG BSMT 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	119 119,171	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.

3336902
TBV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 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 1B1	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.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 1B2	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-340 12 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

11/16/82
SUBMITTAL 11/18/82

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	171	NOTE A	NOTE A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	171	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	100%	NOTE A	171	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	119,171	N/A	N/A	NONE
LOCATION: @CD-34054 GRID H.0/8.9/634 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 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.

33433
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 33434	TEMPERATURE DEG. F.	10-80	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 6 SV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	119,171	N/A	N/A	NONE
LOCATION: @ CD-34055 GRID GW.9/5.8/663 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	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.

33434
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	119,171	N/A	N/A	NONE
LOCATION: @ CD-34056 GRID GW.9/9.0/662 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	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

UNIT: KEWAUNEE

DOCKET: 50-305

11/16/82
SUBMITTAL 11/18/82

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: 33437 COMPONENT: SOLENOID VALVE MANUFACTURER: JOHNSON MODEL NUMBER: V-24 FUNCTION: STM EXCL BNDRY DAMPER 3A SERVICE: DAMPER CONTROL LOCATION: @ CD-34057 GRID B.1/8.1/586 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	119,171	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.

33437
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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 BNDRY DAMPER 3B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	119,171	N/A	N/A	NONE
LOCATION: @ CD-34058 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.

33438
ABSV

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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	119,171	N/A	N/A	NONE
LOCATION: @ CD-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

11/16/82
SUBMITTAL 11/18/82

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 BNDRY DAMPER 3D	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	119,171	N/A	N/A	NONE
LOCATION: @ CD-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 BIBLIOGRAPY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33440
ABSV

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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 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 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	119 119,171	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

11/16/82
SUBMITTAL 11/18/82

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 8B 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	119 119,171	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

11/16/82
SUBMITTAL 11/18/82

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: 33443 COMPONENT: SOLENOID VALVE MANUFACTURER: JOHNSON MODEL NUMBER: V-24 FUNCTION: STM EXCL BNDRY DAMPER 9A SERVICE: DAMPER CONTROL LOCATION: @ CD-34063 GRID GW.7/7.0/626 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.	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	119,171	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 BIBLIOGRAPY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33443
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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	119,171	N/A	N/A	NONE
LOCATION: @ CD-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

11/16/82
SUBMITTAL 11/18/82

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: 33445 COMPONENT: SOLENOID VALVE MANUFACTURER: JOHNSON MODEL NUMBER: V-24 FUNCTION: STM EXCL BDRY DMPR 10 SV SERVICE: DAMPER CONTROL LOCATION: @ CD-34065 GRID GW.0/4.9/644 AUX BLDG SV ZONE 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	37,38	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	<1E5	N/A	119,171	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.

33445
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	119,171	N/A	N/A	NONE
LOCATION: @ CD-34066 GRID GW.0/6.0/662 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	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

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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 11B SV 1A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	119,171	N/A	N/A	NONE
LOCATION: @ CD-34067 GRID GW/6.0/663 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	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

11/16/82
SUBMITTAL 11/18/82

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: 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 TO AFW PMP RM	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	119,171	N/A	N/A	NONE
LOCATION: @ CD-34068 GRID E.5/8.1/591 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.

33450
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 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 TO AFW PMP kM	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	119,171	N/A	N/A	NONE
LOCATION: @ CD-34069 GRID E.5/8.1/591 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.

33451
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 33452	TEMPERATURE DEG. F.	234	NOTE A	171	NOTE A	NOTE A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	43,44,171	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	100%	NOTE A	171	NOTE A	NOTE A	NONE
FUNCTION: STM EXCL BDRY DAMPER 4C SV TO AFW PMP RM	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	119,171	N/A	N/A	NONE
LOCATION: @CD-34070 GRID D.6/8.3/591 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.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	171	NOTE A	NOTE A	NONE
COMPONENT: SOLENOID VALVE	PRESSURE PSIA	13.7-15.7	N/A	43,44,171	N/A	N/A	NONE
MANUFACTURER: JOHNSON							
MODEL NUMBER: V-24	RELATIVE HUMIDITY PCT	100%	NOTE A	171	NOTE A	NOTE A	NONE
FUNCTION: STM EXCL BDRY DAMPER 4D SV TO AFW PMP RM	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: DAMPER CONTROL	RADIATION RADS	<1E5	N/A	119,171	N/A	N/A	NONE
LOCATION: @ CD-34071 GRID D.6/8.3/591 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

11/16/82
SUBMITTAL 11/18/82

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: 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

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

33454
TBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 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 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.	60-120	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
	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

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 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

11/16/82
SUBMITTAL 11/18/82

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: 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

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM STUDY BY
1	KERITE	KER-1	FR INSUL/HTK INSUL	LOCA	YES (T,P,H,CS,R,S)	CABLE	YES	MISC
2	KERITE	KER-2	SEE NOTE A	LOCA	YES (T,P,H,CS,R)	CABLE SPLICE AND TERMINATION KITS	YES	MISC

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

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	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	15	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

KER-1
MISC

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	205	SIMULT	NONE
PLANT ID NO: KER-2	TEMPERATURE DEG. F.	293	346	1	205	SIMULT	NONE
COMPONENT: CABLE SPLICE AND TERMINATION KITS MANUFACTURER: KERITE	PRESSURE PSIA	60.7	127.7	2,3	205	SIMULT	NONE
MODEL NUMBER: SEE NOTE A	RELATIVE HUMIDITY PCT	100%	100%	2	205	SIMULT	NONE
FUNCTION: VARIOUS TERMINATIONS	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10	4,5,118	205	SIMULT	NONE
SERVICE: SPLICE PLUS TERMINATIONS	RADIATION RADS	5E7 GAMMA 2E6 BETA	2E8 GAMMA >2E6 BETA	2,6,7,8	205 101	SIMULT ANALYSIS	NONE
LOCATION: RX BLDG & AUX BLDG	AGING	40 YEARS	40 YEARS	8	205	SEQUENT	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) 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.

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
1	LIMITORQUE	32009	SMB-000	LOCA	NO	MOTOR	NO	SW	
2	LIMITORQUE	32009-A	SMB-00	LOCA	NO	AUX CONTACT	NO	ASP	
3	LIMITORQUE	32010	SMB-000	LOCA	NO	MOTOR	NO	SW	
4	LIMITORQUE	32010-A	SMB-00	LOCA	NO	AUX CONTACT	NO	ASP	
5	LIMITORQUE	32011	SMB-000	LOCA	NO	MOTOR	NO	SW	
6	LIMITORQUE	32012	SMB-000	LOCA	NO	MOTOR	NO	SW	
7	LIMITORQUE	32015	SMB-2	LOCA HELB	YES (T,R) YES (T,H)	MOTOR	NO	FW	
8	LIMITORQUE	32015-L	SMB-2	LOCA	YES (T,R)	AUX CONTACT	NO	ASP	
9	LIMITORQUE	32016	SMB-2	LOCA HELB	YES (R) NO	MOTOR	NO	FW	
10	LIMITORQUE	32016-A	SMB-2	LOCA	YES (R)	AUX CONTACT	NO	ASP	
11	LIMITORQUE	32027	SMB-000	LOCA HELB	NO NO	MOTOR	NO	AFW	APD
12	LIMITORQUE	32028	SMB-000	LOCA HELB	NO NO	MOTOR	NO	AFW	
13	LIMITORQUE	32029	SMB-000	LOCA	NO	MOTOR	NO	SW	
14	LIMITORQUE	32030	SMB-000	LOCA	NO	MOTOR	NO	SW	
15	LIMITORQUE	32031	SMB-000	LOCA	NO	MOTOR	NO	SW	
16	LIMITORQUE	32038	SMB-000	LOCA	YES (T,R)	MOTOR	NO	MS	
17	LIMITORQUE	32039	SMB-000	LOCA	YES (T,R)	MOTOR	NO	MS	
18	LIMITORQUE	32040	SMB-000	LOCA HELB	NO NO	MOTOR	NO	AFW	
19	LIMITORQUE	32058	SMB-000	LOCA	YES (R)	MOTOR	NO	SW	

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

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM STUDY BY
20	LIMITORQUE	32058-A #	SMB-000	LOCA	YES (R)	AUX CONTACT	NO	ASP
21	LIMITORQUE	32059 #	SMB-000	LOCA	YES (R)	MOTOR	NO	SW
22	LIMITORQUE	32059-A	SMB-000	LOCA	YES (R)	AUX CONTACT	NO	ASP
23	LIMITORQUE	32060 # @	SMB-000	LOCA	YES (R)	MOTOR	NO	SW
24	LIMITORQUE	32061 #	SMB-000	LOCA	YES (R)	MOTOR	NO	SW
25	LIMITORQUE	32061-L	SMB-000	LOCA	YES (R)	AUX CONTACT	NO	ASP
26	LIMITORQUE	32066	SMB-00	LOCA	YES (R)	MOTOR	NO	ICS
27	LIMITORQUE	32066-A	SMB-00	LOCA	YES (R)	AUX CONTACT	NO	ASP
28	LIMITORQUE	32067	SMB-00	LOCA	YES (R)	MOTOR	NO	ICS
29	LIMITORQUE	32067-A	SMB-00	LOCA	YES (R)	AUX CONTACT	NO	ASP
30	LIMITORQUE	32068	SMB-00	LOCA	YES (R)	MOTOR	NO	ICS
31	LIMITORQUE	32068-A	SMB-00	LOCA	YES (R)	AUX CONTACT	NO	ASP
32	LIMITORQUE	32069	SMB-00	LOCA	YES (R)	MOTOR	NO	ICS
33	LIMITORQUE	32069-A	SMB-00	LOCA	YES (R)	AUX CONTACT	NO	ASP
34	LIMITORQUE	32077	SMB-000	LOCA HELB	YES (T,P,H,CS,R,S) YES (R)	MOTOR	YES	MS
35	LIMITORQUE	32077-A	SMB-000	LOCA	YES (T,P,H,CS,R,S)	AUX CONTACT	YES	ASP
36	LIMITORQUE	32078	SMB-000	LOCA HELB	NO YES (T,H)	MOTOR	NO	MS
37	LIMITORQUE	32078-A	SMB-000-3624M	LOCA	NO	AUX CONTACT	NO	ASP
38	LIMITORQUE	32079	SMB-000	LOCA HELB	YES (T,P,H,CS,R,S,) YES (R)	MOTOR	YES	MS
39	LIMITORQUE	32079-A	SMB-000	LOCA	YES (T,P,H,CS,R,S)	AUX CONTACT	YES	ASP

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

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM STUDY BY
40	LIMITORQUE	32080	SMB-000	LOCA HELB	NO YES (T,H)	MOTOR	NO	MS
41	LIMITORQUE	32080-A	SMB-000-3624M	LOCA	NO	AUX CONTACT	NO	ASP
42	LIMITORQUE	32082	SMB-000	LOCA	YES (R)	MOTOR	NO	CC
43	LIMITORQUE	32082-A	SMB-000	LOCA	YES (R)	AUX CONTACT	NO	ASP
44	LIMITORQUE	32083	SMB-00	LOCA	NO	MOTOR	NO	CC
45	LIMITORQUE	32084	SMB-000	LOCA	YES (R)	MOTOR	NO	CC
46	LIMITORQUE	32085	SMB-000	LOCA	YES (R)	MOTOR	NO	CC
47	LIMITORQUE	32086	SMB-000	LOCA	YES (R)	MOTOR	NO	CC
48	LIMITORQUE	32087	SMB-000	LOCA	YES (R)	MOTOR	NO	CC
49	LIMITORQUE	32088	SMB-00	LOCA	YES (R)	MOTOR	NO	CC
50	LIMITORQUE	32092	SMB-00	LOCA	YES (T,P,H,CS,R)	MOTOR RH	YES	SI
51	LIMITORQUE	32092-A	SMB-00	LOCA	YES (T,P,H,CS,R)	AUX CONTACT	YES	EP
52	LIMITORQUE	32093	SMB-00	LOCA	YES (T,P,H,CS,R)	MOTOR RH	YES	SI
53	LIMITORQUE	32094	SMB-00	LOCA	YES (R)	MOTOR RH	NO	SI
54	LIMITORQUE	32094-A	SMB-00	LOCA	YES (R)	AUX CONTACT	NO	EP
55	LIMITORQUE	32095	SMB-00	LOCA	YES (R)	MOTOR RH	NO	SI
56	LIMITORQUE	32097	SMB-00	LOCA	YES (T,P,H,CS,R)	MOTOR RH	YES	SI
57	LIMITORQUE	32097-A	SMB-00	LOCA	YES (T,P,H,CS,R)	AUX CONTACT	YES	EP

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

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM STUDY BY
58	LIMITORQUE	32098	SMB-00	LOCA YES (T,P,H,CS,R)	MOTOR RH	YES	SI
59	LIMITORQUE	32100	SMB-1	LOCA YES (T,P,H,CS,R)	MOTOR RH	YES	SI
60	LIMITORQUE	32100-A	SMB-1	LOCA YES (T,P,H,CS,R)	AUX CONTACT	YES	ASP
61	LIMITORQUE	32101	SMB-1	LOCA YES (T,P,H,CS,R)	MOTOR RH	YES	SI
62	LIMITORQUE	32101-A	SMB-1	LOCA YES (T,P,H,CS,R)	AUX CONTACT	YES	ASP
63	LIMITORQUE	32102 #	SMB 1-40	LOCA YES (R)	MOTOR	NO	SI
64	LIMITORQUE	32102-A	SMB-1-40	LOCA YES (R)	AUX CONTACT	NO	ASP
65	LIMITORQUE	32103 #	SMB 1-40	LOCA YES (R)	MOTOR	NO	SI
66	LIMITORQUE	32103-A	SMB-1-40	LOCA YES (R)	AUX CONTACT	NO	ASP
67	LIMITORQUE	32104	SMB-00	LOCA YES (R) HELB NO	MOTOR	NO	SI
68	LIMITORQUE	32104-A	SMB-00	LOCA YES (R)	AUX CONTACT	NO	EP
69	LIMITORQUE	32105	SMB-00	LOCA YES (R) HELB NO	MOTOR	NO	SI
70	LIMITORQUE	32105-A	SMB-00	LOCA YES (R)	AUX CONTACT	NO	EP
71	LIMITORQUE	32106	SMB-00	LOCA YES (R)	MOTOR	NO	SI
72	LIMITORQUE	32107	SMB-00	LOCA YES (R)	MOTOR	NO	SI
73	LIMITORQUE	32107-A	SMB-00	LOCA YES (R)	AUX CONTACT	NO	EP
74	LIMITORQUE	32108 #	SMB-00	LOCA YES (R)	MOTOR	NO	SI
75	LIMITORQUE	32109 #	SMB-0	LOCA YES (R) HELB NO	MOTOR	NO	SI

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

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
76	LIMITORQUE	32109-A	SMB-0	LOCA	YES (R)	AUX CONTACT	NO	ASP	
77	LIMITORQUE	32110 #	SMB-0	LOCA HELB	YES (R) NO	MOTOR	NO	SI	
78	LIMITORQUE	32110-A	SMB-0	LOCA	YES (R)	AUX CONTACT	NO	ASP	
79	LIMITORQUE	32111	SMB-0	LOCA	YES (R)	MOTOR	NO	SI	
80	LIMITORQUE	32111-A	SMB-0	LOCA	YES (R)	AUX CONTACT	NO	EP	
81	LIMITORQUE	32112	SMB-0	LOCA	YES (R)	MOTOR	NO	SI	
82	LIMITORQUE	32112-A	SMB-0	LOCA	YES (R)	AUX CONTACT	NO	EP	
83	LIMITORQUE	32113 #	SMB 1-40	LOCA	YES (R)	MOTOR	NO	SI	
84	LIMITORQUE	32113-A	SMB-1-40	LOCA	YES (R)	AUX CONTACT	NO	ASP	
85	LIMITORQUE	32114 #	SMB 1-40	LOCA	YES (R)	MOTOR	NO	SI	
86	LIMITORQUE	32114-A	SMB-1-40	LOCA	YES (R)	AUX CONTACT	NO	ASP	
87	LIMITORQUE	32115 #	SMB-0	LOCA	YES (R)	MOTOR	NO	CVC	
88	LIMITORQUE	32115-A	SMB-0	LOCA	YES (R)	AUX CONTACT	NO	ASP	
89	LIMITORQUE	32119	SMB-000	LOCA	YES (R)	MOTOR	NO	CC	
90	LIMITORQUE	32119-A	SMB-00	LOCA	YES (R)	AUX CONTACT	NO	EP	
91	LIMITORQUE	32120	SMB-000	LOCA	YES (R)	MOTOR	NO	CC	
92	LIMITORQUE	32120-A	SMB-00	LOCA	YES (R)	AUX CONTACT	NO	EP	
93	LIMITORQUE	32121	SMB-500	LOCA	NO	MOTOR	NO	CC	APD
94	LIMITORQUE	32121-A	SMB-00	LOCA	NO	AUX CONTACT	NO	ASP	APD
95	LIMITORQUE	32122	SMB-500	LOCA	NO	MOTOR	NO	CC	APD
96	LIMITORQUE	32122-A	SMB-500	LOCA	NO	AUX CONTACT	NO	ASP	APD

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

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH		COMPONENT	INSIDE RX BLDG	SYSTEM STUDY BY
97	LIMITORQUE	32124 #	SMB-00	LOCA	YES	(T,P,H,CS,R)	MOTOR RH	YES	CVC
98	LIMITORQUE	32124-A	SMB-00	LOCA	YES	(T,P,H,CS,R)	AUX CONTACT	YES	ASP
99	LIMITORQUE	32125	SMB-00	LOCA	YES	(R)	MOTOR	NO	ICS
100	LIMITORQUE	32126	SMB-00	LOCA	YES	(R)	MOTOR	NO	ICS
101	LIMITORQUE	32130	SMB-00	LOCA	YES	(R)	MOTOR	NO	SI
102	LIMITORQUE	32130-A	SMB-00	LOCA	YES	(R)	AUX CONTACT	NO	EP
103	LIMITORQUE	32131	SMB-00	LOCA	YES	(R)	MOTOR	NO	SI
104	LIMITORQUE	32131-A	SMB-00	LOCA	YES	(R)	AUX CONTACT	NO	EP
105	LIMITORQUE	32134 #	SMB-000	LOCA	YES	(R)	MOTOR	NO	RHR
106	LIMITORQUE	32134-A	SMB-00	LOCA	YES	(R)	AUX CONTACT	NO	ASP
107	LIMITORQUE	32135 #	SMB-000	LOCA	YES	(R)	MOTOR	NO	RHR
108	LIMITORQUE	32135-A	SMB-00	LOCA	YES	(R)	AUX CONTACT	NO	ASP
109	LIMITORQUE	32145	SMB-000	LOCA	YES	(T,P,H,CS,R)	MOTOR	YES	LOCA-H2
110	LIMITORQUE	32146	SMB-000	LOCA	YES	(T,P,H,CS,R)	MOTOR	YES	LOCA-H2
111	LIMITORQUE	32147	SMB-000	LOCA	YES	(T,H,R)	MOTOR	NO	LOCA-H2
112	LIMITORQUE	32148	SMB-000	LOCA	YES	(T,H,R)	MOTOR	NO	LOCA-H2

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

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 SW-1300A	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

11/16/82
SUBMITTAL 11/18/82

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

11/16/82
SUBMITTAL 11/18/82

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 SW-1300B	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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:

32010
SW

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:

449101106
ASP

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	102	TYPE TEST	NONE
PLANT ID NO: 32011 SW-10A	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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:

32011
SW

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 SW-10B	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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:

32012
SW

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	30 DAYS	35	102	SIMULT	NONE
PLANT ID NO: 32015	TEMPERATURE DEG. F.	130 234 (HELB)	250 250	37,39 171	102 102	SIMULT SIMULT	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	37,39 37,39,171	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%	37,39,43 171	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	41 119,171	102 N/A	SEQUENT 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	SEQUENT SEQUENT	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,R)
HELB YES (T,H)

NOTES:

32015
PW

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	.5 HOURS	.5 HOURS	35	102	SIMULT	NONE
PLANT ID NO: 32015-L	TEMPERATURE DEG. F.	130	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-2	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,43	N/A	N/A	NONE
FUNCTION: FEEDWATER TO STEAM GENERATOR 1A 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	SEQUENT	NONE
LOCATION: GRID M/5.1/609 AUX BLDG	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: N/A ABOVE 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

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	30 DAYS	35	102	SIMULT	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	41 119,171	102 N/A	SEQUENT 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	102 102	SEQUENT SEQUENT	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 YES (R)
HELB NO

NOTES:

32016
FW

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	SIMULT	NONE
PLANT ID NO: 32016-A	TEMPERATURE DEG. F.	60-104	N/A	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	SEQUENT	NONE
LOCATION: GRID HE.6/4.5/618 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: 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

11/16/82
SUBMITTAL 11/18/82

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 60-104	N/A N/A	44 171	N/A N/A	N/A SIMULT	NONE
COMPONENT: MOTOR	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 43,44,171	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, 44 171	N/A N/A	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	119 119,171	N/A N/A	N/A N/A	NONE
LOCATION: GRID E.9/8.9/594 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:

32027
AFW

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 32028	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44	N/A N/A	TYPE TEST 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)	2.04E8 N/A	119 119,171	170 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

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	102	TYPE TEST	NONE
PLANT ID NO: 32029 SW-601A	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

11/16/82
SUBMITTAL 11/18/82

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	52	TYPE TEST	NONE
PLANT ID NO: 32030 SW-601B	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

11/16/82
SUBMITTAL 11/18/82

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: 32031 SW-502	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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:

32031
SW

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	SIMULT	NONE
PLANT ID NO: 32038	TEMPERATURE DEG. F.	145	250	37,39	102	SIMULT	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	SEQUENT	NONE
LOCATION: GRID M.1/5S.5/624 AUX BLDG	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: N/A ABOVE 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:

32038
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	SIMULT	NONE
PLANT ID NO: 32039	TEMPERATURE DEG. F.	115	250	37,39	102	SIMULT	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	SEQUENT	NONE
LOCATION: GRID H.4/4.1/622 AUX BLDG	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: 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:

32039
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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 43,44,171	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	119 119,171	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
HELB NO

NOTES:

32040
AFW

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	102	SIMULT	NONE
PLANT ID NO: 32058 SW-903C	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	SEQUENT	NONE
LOCATION: GRID H.1/4.1/602 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: N/A ABOVE 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:

32058
SW

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	2 MONTHS	2 MONTHS	35	102	SIMULT	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	2E7	41	102	SEQUENT	NONE
LOCATION: GRID H.1/4.1/602 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: 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:

449100203
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	SIMULT	NONE
PLANT ID NO: 32059 # SW-903D	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	SEQUENT	NONE
LOCATION: GRID H.1/4.1/602 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: 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:

32059
SW

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	SIMULT	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	SEQUENT	NONE
LOCATION: GRID H.1/4.1/602 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: N/A ABOVE 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 COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	SIMULT	NONE
PLANT ID NO: 32060 # @ SW-903A	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	SEQUENT	NONE
LOCATION: GRID J.4/6.0/607 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: 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:

32060
SW

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	SIMULT	NONE
PLANT ID NO: 32061 # SW-903B	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	SEQUENT	NONE
LOCATION: GRID J.8/6.0/607 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: 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

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	2 MONTHS	2 MONTHS	35	102	SIMULT	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 ROOM ANNUNCIATION	RADIATION RADS	2.9E7	2.04E8	41	102	SEQUENT	NONE
LOCATION: GRID J.8/6.0/607 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: 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:

449100202
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 PLANT ID NO: 32066 COMPONENT: MOTOR MANUFACTURER: LIMITORQUE MODEL NUMBER: SMB-00 FUNCTION: CNTMT SPRAY PMP 1A DSCH MV 1A SERVICE: VALVE OPERATOR LOCATION: GRID GW.1/5.7/590 AUX BLDG SV ZONE	OPERATIONAL TIME	30 DAYS	30 DAYS	35	102	SIMULT	NONE
	TEMPERATURE DEG. F.	60-104	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	5.6E6	2E7	41	102	SEQUENT	NONE
	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: 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:

32066
ICS

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	SIMULT	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	170	SEQUENT	NONE
LOCATION: GRID GW.1/5.7/590 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: N/A ABOVE 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:

449101202
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	SIMULT	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	SEQUENT	NONE
LOCATION: GRID G.9/5.7/590 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: 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:

32067
ICS

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	SIMULT	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	2.04E8	41	102	SEQUENT	NONE
LOCATION: GRID G.9/5.7/590 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: 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:

449101203
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	SIMULT	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	SEQUENT	NONE
LOCATION: GRID GW.1/5.3/590 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: 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

11/16/82
SUBMITTAL 11/18/82

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	SIMULT	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	SEQUENT	NONE
LOCATION: GRID GW.1/5.3/590 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: 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:

449101205
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	SIMULT	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	SEQUENT	NONE
LOCATION: GRID GW.9/5.3/590 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: 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:

32069
ICS

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 ICS	OPERATIONAL TIME	24 HOURS	30 DAYS	35	102	SIMULT	NONE
PLANT ID NO: 32069-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 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	SEQUENT	NONE
LOCATION: GRID GW.9/5.3/590 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: 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:

449101206
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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/NOTE A	35	102/NOTE A	TEST/ANALY	NONE
PLANT ID NO: 32077	TEMPERATURE DEG. F.	293 120 (HELB)	250/NOTE A N/A	1 114	102/NOTE A N/A	SIMUL/ANAL N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	60.7 13.7-15.7 HELB	39.7/NOTE A N/A	2,3 114	102/NOTE A N/A	SIMUL/ANAL N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-000	RELATIVE HUMIDITY PCT	100% 10-80% (HELB)	100% N/A	2 113	102 N/A	SIMULT N/A	NONE
FUNCTION: SG 1A BD ISOL MV (BT-2A)	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH N/A (HELB)	NOTE A	4,5,118 N/A	NOTE A N/A	NOTE A N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	5E7 GAMMA 2E6 BETA 1E6 GAMMA HELB	2E7 GAMMA / A >2E6 BETA 2E7 GAMMA	2,6,7,8 2,6,7,8,168	102/NOTE A 101 102	SEQ/ANALY SEQUENT	NONE
LOCATION: GRID 17/294/594 RX BLDG	AGING	40 YEARS 40 YEARS (HELB)	40 YEARS 40 YEARS (HELB)	8 8	102 102	SEQUENT SEQUENT	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 N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

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

NOTES:
A) SEE REFERENCE NO. 203.

32077
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	64	SIMULT	NONE
PLANT ID NO: 32077-A	TEMPERATURE DEG. F.	293	300	1	64	SIMULT	NONE
COMPONENT: AUX CONTACT	PRESSURE PSIA	60.7	84.7	2,3	64	SIMULT	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-000 357934A	RELATIVE HUMIDITY PCT	100%	100%	2	64	SIMULT	NONE
FUNCTION: SG 1A BD ISOL MV (BT-2A)	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	64	NONE	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	5E7 GAMMA 2E6 BETA	2.04E8 GAMMA >2E6 BETA	2,6,7,8	64	TEST ANALYSIS	NONE
LOCATION: GRID 17/294/594 RX BLDG	AGING	40 YEARS	40 YEARS	8	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,R,S)

NOTES:

A) THE VALVE RESPONSE IS RAPID ENOUGH TO INSURE ITS FUNCTION IS PERFORMED BEFORE SUBMERGENCE HAS RENDERED IT INOPERABLE.
B) THE INTERNAL UNQUALIFIED COMPONENTS WERE CHANGED OUT FOR NUCLEAR ENVIRONMENTALLY QUALIFIED COMPONENTS DURING 1982 OUTAGE.

449110201
ASP

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	24 HOURS	1 YEAR	35	102	TYPE TEST	NONE
PLANT ID NO: 32078 COMPONENT: MOTOR	TEMPERATURE DEG. F.	120 234 (HELB)	N/A 250	37,39 171	N/A 102	N/A SIMULT	NONE
MANUFACTURER: LIMITORQUE	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	37,39 37,39,171	N/A N/A	N/A N/A	NONE
MODEL NUMBER: SMB-000	RELATIVE HUMIDITY PCT	10-80% 100% (HELB)	N/A 100%	37,39,43, 171	N/A 102	N/A SIMULT	NONE
FUNCTION: SG 1A BD ISOL 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	119 119,171	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	SEQUENT SEQUENT	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

11/16/82
SUBMITTAL 11/18/82

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 PLANT ID NO: 32078-A COMPONENT: AUX CONTACT MANUFACTURER: LIMITORQUE MODEL NUMBER: SMB-000-3624M FUNCTION: SG 1A BD ISOL MV (BT-3A) SERVICE: CONTROL ROOM ANNUNCIATION LOCATION: GRID JJW.5/2.4/618 AUX BLDG FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: YES	OPERATIONAL TIME	24 HOURS	N/A	35	N/A	N/A	NONE
	TEMPERATURE DEG. F.	120	N/A	37,39	N/A	N/A	NONE
	PRESSURE PSIA	13.7-15.7	N/A	37,39	N/A	N/A	NONE
	RELATIVE HUMIDITY PCT	10-80%	N/A	37,39,43	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	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:

449110202
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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/NOTE A	35	102/NOTE A	TEST/ANALY	NONE
PLANT ID NO: 32079	TEMPERATURE DEG. F.	293 120 (HELB)	250/NOTE A N/A	1 114	102/NOTE A N/A	SIMUL/ANAL N/A	NONE
COMPONENT: MOTOR	PRESSURE PSIA	60.7 13.7-15.7 HELB	39.7/NOTE A N/A	2,3 114	102/NOTE A N/A	SIMUL/ANAL N/A	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-000 140658	RELATIVE HUMIDITY PCT	100% 10-80% (HELB)	100% N/A	2 113	102 N/A	SIMULT 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 N/A	4,5,118 N/A	NOTE A N/A	NOTE A N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	5E7 GAMMA 2E6 BETA 1E6 GAMMA HELB	2E7 GAMMA / A >2E6 BETA 2E7 GAMMA	2,6,7,8 2,6,7,8,168	101,102/A 102	SEQ/ANALY SEQUENT	NONE
LOCATION: GRID 30/105/594 RX BLDG	AGING	40 YEARS 40 YEARS (HELB)	40 YEARS 40 YEARS (HELB)	8 8	102 102	SEQUENT SEQUENT	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 N/A	NOTE A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

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

NOTES:
A) SEE REFERENCE NO. 203.

32079
MS

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 PLANT ID NO: 32079-A COMPONENT: AUX CONTACT MANUFACTURER: LIMITORQUE MODEL NUMBER: SMB-000 140658 FUNCTION: SG 1A BD ISOL MV (BT-2B) SERVICE: CONTROL ROOM ANNUNCIATION LOCATION: GRID 30/105/594 RX BLDG	OPERATIONAL TIME	24 HOURS	24 HOURS	35	64	SIMULT	NONE
	TEMPERATURE DEG. F.	293	300	1	64	SIMULT	NONE
	PRESSURE PSIA	60.7	84.7	2,3	64	SIMULT	NONE
	RELATIVE HUMIDITY PCT	100%	100%	2	64	SIMULT	NONE
	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	64	NONE	NONE
	RADIATION RADS	5E7 GAMMA 2E6 BETA	2.04E8 GAMMA >2E6 BETA	2,6,7,8	64 101	TEST ANALYSIS	NONE
	AGING	40 YEARS	40 YEARS	8	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,R,S)

NOTES:

A) THE VALVE RESPONSE IS RAPID ENOUGH TO INSURE ITS FUNCTION IS PERFORMED BEFORE SUBMERGENCE HAS RENDERED IT INOPERABLE.
B) THE INTERNAL UNQUALIFIED COMPONENTS WERE CHANGED OUT FOR NUCLEAR ENVIRONMENTALLY QUALIFIED COMPONENTS DURING 1982 OUTAGE.

449110203
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	102	TYPE TEST	NONE
PLANT ID NO: 32080	TEMPERATURE DEG. F.	120 234 (HELB)	N/A 250	37,39 171	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 37,39,171	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%	37,39,43 171	N/A 102	N/A SIMULT	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	119 119,171	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	SEQUENT SEQUENT	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

11/16/82
SUBMITTAL 11/18/82

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	N/A	35	N/A	N/A	NONE
PLANT ID NO: 32080-A	TEMPERATURE DEG. F.	120	N/A	37,39	N/A	N/A	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	119	N/A	N/A	NONE
LOCATION: GRID JJW.4/2.3/618 AUX BLDG	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: 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:

449110204
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	SIMULT	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 COMP 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	SEQUENT	NONE
LOCATION: GRID J.6/5.9/617 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: N/A ABOVE 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

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	102	SIMULT	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	2.04E8	41	102	SEQUENT	NONE
LOCATION: GRID J.6/5.9/617 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: N/A ABOVE 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

11/16/82
SUBMITTAL 11/18/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: COMPONENT COOLING	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:

32083
CC

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: COMPONENT COOLING	OPERATIONAL TIME	30 DAYS	1 YEAR	35	102	SIMULT	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	SEQUENT	NONE
LOCATION: GRID J.4/5.9/613 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: N/A ABOVE 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:

32085
CC

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	SIMULT	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	SEQUENT	NONE
LOCATION: GRID J.7/6.0/613 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: 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:

32086
CC

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	SIMULT	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 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	SEQUENT	NONE
LOCATION: GRID J.5/5.9/613 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: 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:

32087
CC

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 32088	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: 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	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: GRID J.1/615/625 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) SEE REFERENCE NO. 204.
B) SEE AGING PROGRAM DESCRIPTION.

32088
CC

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 32092 SI-11A	TEMPERATURE DEG. F.	293	300	1	64	SIMULT	NONE
COMPONENT: MOTOR RH	PRESSURE PSIA	60.7	84.7	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 SI-11A	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	2.04E8 GAMMA >2E6 BETA	2,6,7,8	64 101	SEQUENT ANALYSIS	NONE
LOCATION: GRID 33/257/600 RX BLDG	AGING	40 YEARS	40 YEARS	4	64	SEQUENT	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

11/16/82
SUBMITTAL 11/18/82

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	300	1	64	SIMULT	NONE
COMPONENT: AUX CONTACT	PRESSURE PSIA	60.7	84.7	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 SI-11A	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	2.04E8 GAMMA >2E6 BETA	2,6,7,8	64 101	SEQUENT ANALYSIS	NONE
LOCATION: GRID 33/257/600 RX BLDG	AGING	40 YEARS	40 YEARS	4	64	SEQUENT	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:
THE ACTUATOR INTERNALS ARE NUCLEAR QUALIFIED COMPONENTS.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 32093 SI-15A	TEMPERATURE DEG. F.	293	300	1	64	SIMULT	NONE
COMPONENT: MOTOR RH	PRESSURE PSIA	60.7	84.7	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 SI-15A	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	2.04E8 GAMMA >2E6 BETA	2,6,7,8	64 101	SEQUENT ANALYSIS	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,R)

NOTES:

32093
SI

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: SAFETY INJECTION	OPERATIONAL TIME	30 DAYS	1 YEAR	35	102	SIMULT	NONE
PLANT ID NO: 32094 SI-9A	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR RH	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	SEQUENT	NONE
LOCATION: GRID J.5/5.9/608 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: 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:

32094
SI

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	SIMULT	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	SEQUENT	NONE
LOCATION: GRID J.5/5.9/608 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: N/A ABOVE 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 INTERNAL UNQUALIFIED COMPONENTS WERE CHANGED OUT FOR NUCLEAR ENVIRONMENTALLY QUALIFIED COMPONENTS DURING 1982 OUTAGE.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	SIMULT	NONE
PLANT ID NO: 32095 SI-9B	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: MOTOR RH	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	SEQUENT	NONE
LOCATION: GRID H.3/4.4/608 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: 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

11/16/82
SUBMITTAL 11/18/82

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: 32097 SI-11B	TEMPERATURE DEG. F.	293	300	1	64	SIMULT	NONE
COMPONENT: MOTOR RH	PRESSURE PSIA	60.7	84.7	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 SI-11B	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	2.04E8 GAMMA >2E6 BETA	2,6,7,8	64 101	SEQUENT ANALYSIS	NONE
LOCATION: GRID 30/25/600 RX BLDG	AGING	40 YEARS	40 YEARS	4	64	SEQUENT	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:

32097
SI

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	300	1	64	SIMULT	NONE
COMPONENT: AUX CONTACT	PRESSURE PSIA	60.7	84.7	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 SI-11B	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	2.04E8 GAMMA >2E6 BETA	2,6,7,8	64 101	SEQUENT ANALYSIS	NONE
LOCATION: GRID 30/25/600 RX BLDG	AGING	40 YEARS	40 YEARS	4	64	SEQUENT	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 INTERNAL UNQUALIFIED COMPONENTS WERE CHANGED OUT FOR NUCLEAR ENVIRONMENTALLY QUALIFIED COMPONENTS DURING 1982 OUTAGE.

32097-A
EP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 32098 SI-15B	TEMPERATURE DEG. F.	293	300	1	64	SIMULT	NONE
COMPONENT: MOTOR RH MANUFACTURER: LIMITORQUE	PRESSURE PSIA	60.7	84.7	2,3	64	SIMULT.	NONE
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	2.04E8 GAMMA >2E6 BETA	2,6,7,8	64 101	SEQUENT ANALYSIS	NONE
LOCATION: GRID 30/60/600 RX BLDG	AGING	40 YEARS	40 YEARS	4	64	SEQUENT	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

11/16/82
SUBMITTAL 11/18/82

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 SI-302A	TEMPERATURE DEG. F.	293	300	1	64	SIMULT	NONE
COMPONENT: MOTOR RH	PRESSURE PSIA	60.7	84.7	2,3	64	SIMULT.	NONE
MANUFACTURER: LIMITORQUE							
MODEL NUMBER: SMB-1 122597	RELATIVE HUMIDITY PCT	100%	100%	2	64	SIMULT.	NONE
FUNCTION: SI TO RX VESSEL ISOL SI-302A	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	2.04E8 GAMMA >2E6 BETA	2,6,7,8	64 101	SEQUENT ANALYSIS	NONE
LOCATION: GRID 14/30/608 RX BLDG	AGING	40 YEARS	40 YEARS	4	64	SEQUENT	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:

32100
SI

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 PLANT ID NO: 32100-A COMPONENT: AUX CONTACT MANUFACTURER: LIMITORQUE MODEL NUMBER: SMB-1 FUNCTION: SI TO RX VESSEL ISOL SI-302A SERVICE: VALVE OPERATOR LOCATION: GRID 14/30/608 RX BLDG FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: YES	OPERATIONAL TIME	30 DAYS	30 DAYS	35	64	SIMULT	NONE
	TEMPERATURE DEG. F.	293	300	1	64	SIMULT	NONE
	PRESSURE PSIA	60.7	84.7	2,3	64	SIMULT	NONE
	RELATIVE HUMIDITY PCT	100%	100%	2	64	SIMULT	NONE
	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	64	SIMULT	NONE
	RADIATION RADS	5E7 GAMMA 2E6 BETA	2.04E8 GAMMA >2E6 BETA	2,6,7,8	64 101	SEQUENT ANALYSIS	NONE
	AGING	40 YEARS	40 YEARS	4	64	SEQUENT	NONE
	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:
THE ACTUATOR INTERNALS ARE NUCLEAR QUALIFIED COMPONENTS.

449101101
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 32101 SI-302B	TEMPERATURE DEG. F.	293	300	1	64	SIMULT	NONE
COMPONENT: MOTOR RH	PRESSURE PSIA	60.7	84.7	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 SI-302B	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	2.04E8 GAMMA >2E6 BETA	2,6,7,8	64 101	SEQUENT ANALYSIS	NONE
LOCATION: GRID 14/80/608 RX BLDG	AGING	40 YEARS	40 YEARS	4	64	SEQUENT	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:

32101
SI

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	300	1	64	SIMULT	NONE
COMPONENT: AUX CONTACT	PRESSURE PSIA	60.7	84.7	2,3	64	SIMULT	NONE
MANUFACTURER: LIMITORQUE	RELATIVE HUMIDITY PCT	100%	100%	2	64	SIMULT	NONE
MODEL NUMBER: SMB-1	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	64	SIMULT	NONE
FUNCTION: SI TO RX VESSEL ISOL SI-302B	RADIATION RADS	5E7 GAMMA 2E6 BETA	2.04E8 GAMMA >2E6 BETA	2,6,7,8	64 101	SEQUENT ANALYSIS	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	AGING	40 YEARS	40 YEARS	4	64	SEQUENT	NONE
LOCATION: GRID 14/80/608 RX BLDG	SUBMERGENCE	N/A	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:
THE ACTUATOR INTERNALS ARE NUCLEAR QUALIFIED COMPONENTS.

449101102
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	SIMULT	NONE
PLANT ID NO: 32102 # SI-350A	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	SEQUENT	NONE
LOCATION: GRID J.6/6.0/586 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: 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:

32102
SI

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 PLANT ID NO: 32102-A COMPONENT: AUX CONTACT MANUFACTURER: LIMITORQUE MODEL NUMBER: SMB-1-40 FUNCTION: CNTMT SUMP B ISOL MV 1A SERVICE: CONTROL ROOM ANNUNCIATION LOCATION: GRID J.6/6.0/586 AUX BLDG SV ZONE FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	OPERATIONAL TIME	1 YEAR	1 YEAR	2,70	102	SIMULT	NONE
	TEMPERATURE DEG. F.	60-104	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	2.04E8	41	102	SEQUENT	NONE
	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
	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

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	1 YEAR	35	102	SIMULT	NONE
PLANT ID NO: 32103 # SI-350B	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 0	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	SEQUENT	NONE
LOCATION: GRID J.7/6.0/586 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: 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:

32103
SI

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: ACTIVE STATUS PANEL SI	OPERATIONAL TIME	1 YEAR	1 YEAR	35	102	SIMULT	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	2.04E8	41	102	SEQUENT	NONE
LOCATION: GRID J.7/6.0/586 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: N/A ABOVE 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:

449100904
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 32104 SI-2A	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-00	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: 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)	NOTE A N/A	41 119,171	NOTE A N/A	NOTE A N/A	NONE
LOCATION: GRID H.7/6.0/589 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 (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:
A) SEE REFERENCE NO. 202.
B) SEE AGING PROGRAM DESCRIPTION.

32104
SI

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: EMERGENCY PROCEDURE SI	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	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	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: GRID H.7/6.0/589 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 (P)

NOTES:

A) SEE REFERENCE NO. 202.
B) SEE AGING PROGRAM DESCRIPTION.

32104-A
EP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 32105 SI-2B COMPONENT: MOTOR	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
	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 37,38,43	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)	NOTE A N/A	41 119,171	NOTE A N/A	NOTE A N/A	NONE
LOCATION: GRID H.9/6.0/589 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 (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:
A) SEE REFERENCE NO. 202.
B) SEE AGING PROGRAM DESCRIPTION.

32105
SI

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL.	OUTSTANDING
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.	METHOD	ITEMS
SYSTEM: EMERGENCY PROCEDURE SI	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	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	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: GRID H.9/6.0/589 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) SEE REFERENCE NO. 202.
B) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: SAFETY INJECTION	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 32106 SI-3	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: 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	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: GRID HW.0/6.0/589 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) THIS VALVE IS LEFT OPEN WITH ITS POWER BREAKER LOCKED OUT BEFORE THE PLANT IS MADE CRITICAL, PER T.S.3.3.a.1.F.1, AND THEREFORE NO FURTHER CONSIDERATION NEED BE GIVEN TO ITS ENVIRONMENTAL QUALIFICATION (SEE REFERENCE NO. 202).
B) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 32107 SI-5A	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	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: GRID H.6/5.5/585 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) SEE REFERENCE NO. 202.
B) SEE AGING PROGRAM DESCRIPTION.

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL.	OUTSTANDING
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.	METHOD	ITEMS
SYSTEM: EMERGENCY PROCEDURE SI	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	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
MANUPACTURER: 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	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: GRID H.6/5.5/585 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) SEE REFERENCE NO. 202.
B) SEE AGING PROGRAM DESCRIPTION.

32107-A
EP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: SAFETY INJECTION	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 32108 # SI-5B	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 1B SUCT ISOL MV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	5.6E6	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: GRID H.3/5.5/585 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) SEE REFERENCE NO. 202.
B) SEE AGING PROGRAM DESCRIPTION.

32108
SI

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 32109 # SI-4A	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 SI-4A	RADIATION RADS	5.6E6 <1E5 (HELB)	NOTE A N/A	41 119,171	NOTE A N/A	NOTE A N/A	NONE
LOCATION: GRID HW.7/5.9/588 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 (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:

A) SEE REFERENCE NO. 202.
B) SEE AGING PROGRAM DESCRIPTION.

32109
SI

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL.	OUTSTANDING
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.	METHOD	ITEMS
SYSTEM: ACTIVE STATUS PANEL SI	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	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 SI-4A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	5.6E6	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: GRID HW.7/5.9/588 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) SEE REFERENCE NO. 202.
B) SEE AGING PROGRAM DESCRIPTION.

449101003
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	NOTE A	35	NOTE A	NOTE A	NONE
PLANT ID NO: 32110 # SI-4B	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 SI-4B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR SI-4B	RADIATION RADS	5.6E6 <1E5 (HELB)	NOTE A N/A	41 119,171	NOTE A N/A	NOTE A N/A	NONE
LOCATION: GRID HW.9/5.9/588 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 (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:

A) SEE REFERENCE NO. 202.
B) SEE AGING PROGRAM DESCRIPTION.

32110
SI

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	NOTE A	35	NOTE A	NOTE A	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 SI-4B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	5.6E6	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: GRID HW.9/5.9/588 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) SEE REFERENCE NO. 202.
B) SEE AGING PROGRAM DESCRIPTION.

449101004
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	SEQUENT	NONE
PLANT ID NO: 32111 SI-300A	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 SI-300A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	1.6E7	2E7	41	102	SEQUENT	NONE
LOCATION: GRID J.3/6.0/589 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: 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:

32111
SI

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	SEQUENT	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-0	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RWST TO SI PMPS SI-300A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	1.6E7	2E7	41	102	SEQUENT	NONE
LOCATION: GRID J.3/6.0/589 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: 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:

32111-A
EP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

DOCKET: 50-305

11/16/82
SUBMITTAL 11/18/82

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: SAFETY INJECTION	OPERATIONAL TIME	1 YEAR	1 YEAR	41	102	SEQUENT	NONE
PLANT ID NO: 32112 SI-300B COMPONENT: MOTOR	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
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 SI-300B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	1.6E7	2E7	41	102	SEQUENT	NONE
LOCATION: GRID J.4/6.0/589 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: 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

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	SEQUENT	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-0	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: RHR PMP SUCT ISOL SI-300B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	1.6E7	2E7	41	102	SEQUENT	NONE
LOCATION: GRID J.4/6.0/589 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: N/A ABOVE 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:

32112-A
EP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	SIMULT	NONE
PLANT ID NO: 32113 # SI-351A	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	SEQUENT	NONE
LOCATION: GRID J.6/6.0/586 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: N/A ABOVE 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:

32113
SI

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	2,70	102	SIMULT	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	2.04E8	41	102	SEQUENT	NONE
LOCATION: GRID J.6/6.0/586 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: 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:

449100905
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	102	SIMULT	NONE
PLANT ID NO: 32114 # SI-351B	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	SEQUENT	NONE
LOCATION: GRID J.7/6.0/586 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: 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:

32114
SI

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	24 HOURS	1 YEAR	35	102	SIMULT	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	SEQUENT	NONE
LOCATION: GRID J.7/6.0/586 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: 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:

449100906
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: CHEMICAL & VOL. CONTROL	OPERATIONAL TIME	30 MIN.	N/A	35	102	SIMULT	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	SEQUENT	NONE
LOCATION: GRID J.6/6.0/616 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	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 BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:

32115
CVC

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 MIN.	1 YEAR	35	102	SIMULT	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 ROOM ANNUNCIATION	RADIATION RADS	1.6E7	2E7	41	102	SEQUENT	NONE
LOCATION: GRID J.6/6.0/616 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	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 BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:

449110504
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: COMPONENT COOLING	OPERATIONAL TIME	1 YEAR	1 YEAR	35	102	SIMULT	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	SEQUENT	NONE
LOCATION: GRID J.5/7.0/625 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: 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:

32119
CC

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	SIMULT	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	2E6	41	102	SEQUENT	NONE
LOCATION: GRID J.5/7.0/625 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: 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:

32119-A
EP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	SIMULT	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	SEQUENT	NONE
LOCATION: GRID J.5/6.7/625 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: N/A ABOVE 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:

32120
CC

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	102	SIMULT	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	SEQUENT	NONE
LOCATION: GRID J.5/6.7/625 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: 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 EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL.	OUTSTANDING
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.	METHOD	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 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.

32121
CC

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

449101105A
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 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 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.

32122
CC

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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 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

11/16/82
SUBMITTAL 11/18/82

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	300	1	64	SIMULT.	NONE
COMPONENT: MOTOR RH	PRESSURE PSIA	60.7	84.7	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	2.04E8 GAMMA >2E6 BETA	2,6,7,8	64 101	SEQUENT ANALYSIS	NONE
LOCATION: GRID 1/3/613 RX BLDG	AGING	40 YEARS	40 YEARS	8	64	SEQUENT	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:

32124
CVC

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REP. * SPEC.	DOCUMENTATION REP. * 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	300	1	64	SIMULT	NONE
COMPONENT: AUX CONTACT	PRESSURE PSIA	60.7	84.7	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	2.04E8 GAMMA >2E6 BETA	2,6,7,8	64 101	SEQUENT ANALYSIS	NONE
LOCATION: GRID 1/3/613 RX BLDG	AGING	40 YEARS	40 YEARS	8	64	SEQUENT	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:

449110604
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	SIMULT	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	SEQUENT	NONE
LOCATION: GRID GW.1/5.8/588 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: 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:

32125
ICS

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	30 DAYS	35	102	SIMULT	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	SEQUENT	NONE
LOCATION: GRID GW. 1/5.2/588 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: 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:

32126
ICS

SYSTEM COMPONENT EVAIUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	SIMULT	NONE
PLANT ID NO: 32130 SI-209	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	SEQUENT	NONE
LOCATION: GRID H.8/5.3/589 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: 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:

32130
SI

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 PLANT ID NO: 32130-A COMPONENT: AUX CONTACT MANUFACTURER: LIMITORQUE MODEL NUMBER: SMB-00 FUNCTION: RWST TEST INLT STOP MV 1A SERVICE: CONTROL ROOM ANNUNCIATION LOCATION: GRID H.8/5.3/589 AUX BLDG SV ZONE	OPERATIONAL TIME	24 HOURS	1 YEAR	35	102	SIMULT	NONE
	TEMPERATURE DEG. F.	60-104	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	5.6E6	2E7	41	102	SEQUENT	NONE
	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: 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:

32130-A
EP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	SIMULT	NONE
PLANT ID NO: 32131 SI-208	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 1B	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	5.6E6	2E7	41	102	SEQUENT	NONE
LOCATION: GRID H.7/5.4/589 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: N/A ABOVE 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:

32131
SI

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	24 HOURS	1 YEAR	35	102	SIMULT	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	SEQUENT	NONE
LOCATION: GRID H.7/5.4/589 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	102	SEQUENT	NONE
FLOOD LEVEL ELEV: N/A ABOVE 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:

32131-A
EP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 32134 # RHR-300A	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	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
MODEL NUMBER: SMB-000	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
FUNCTION: RSDL HX OUTL TO SI PMP 1A MV	RADIATION RADS	5.6E6	NOTE A	41	NOTE A	NOTE A	NONE
SERVICE: VALVE OPERATOR	AGING	NOTE B	NOTE B	NOTE B	NOTE B	NOTE B	NONE
LOCATION: GRID H.8/6.0/597 AUX BLDG SV ZONE	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE
FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A							

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (P)

NOTES:
A) SEE REFERENCE NO. 202.
B) SEE AGING PROGRAM DESCRIPTION.

32134
RHR

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 PLANT ID NO: 32134-A COMPONENT: AUX CONTACT MANUFACTURER: LIMITORQUE MODEL NUMBER: SMB-00 FUNCTION: RSDL HX OUTL TO SI PMP 1A MV SERVICE: CONTROL ROOM ANNUNCIATION LOCATION: GRID H.8/6.0/597 AUX BLDG SV ZONE 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.	60-104	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	5.6E6	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 BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:
A) SEE REFERENCE NO. 202.
B) SEE AGING PROGRAM DESCRIPTION.

449101005
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 32135 # RHR-300B COMPONENT: MOTOR MANUFACTURER: LIMITORQUE MODEL NUMBER: SMB-000 FUNCTION: RSDL HX OUTL TO SI PMP 1B MV SERVICE: VALVE OPERATOR LOCATION: GRID H.4/6.0/597 AUX BLDG SV ZONE 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.	60-104	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	5.6E6	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 BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:
A) SEE REFERENCE NO. 202.
B) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: ACTIVE STATUS PANEL RHR	OPERATIONAL TIME	30 DAYS	NOTE A	35	NOTE A	NOTE A	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	NOTE A	41	NOTE A	NOTE A	NONE
LOCATION: GRID H.4/6.0/597 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) SEE REFERENCE NO. 202.
B) SEE AGING PROGRAM DESCRIPTION.

449101006
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	64	SIMULT	NONE
PLANT ID NO: 32145	TEMPERATURE DEG. F.	293	300	1	64	SIMULT	NONE
COMPONENT: MOTOR	PRESSURE PSIA	60.7	84.7	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 % NAOH	PH = 10.5	4,5,118	64	SIMULT	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	5E7 GAMMA 2E6 BETA	2.04E8 GAMMA >2E6 BETA	2,6,7,8	64 101	SEQUENT ANALYSIS	NONE
LOCATION: GRID 2/116/630 RX BLDG	AGING	40 YEARS	40 YEARS	8	64	SEQUENT	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:

32145
LOCA-H2

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	64	SIMULT	NONE
PLANT ID NO: 32146	TEMPERATURE DEG. F.	293	300	1	64	SIMULT	NONE
COMPONENT: MOTOR	PRESSURE PSIA	60.7	84.7	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 % NAOH	PH = 10.5	4,5,118	64	SIMULT	NONE
SERVICE: VALVE OPERATOR	RADIATION RADS	5E7 GAMMA 2E6 BETA	2.04E8 GAMMA >2E6 BETA	2,6,7,8	64 101	SEQUENT ANALYSIS	NONE
LOCATION: GRID 2/260/628 RX BLDG	AGING	40 YEARS	40 YEARS	8	64	SEQUENT	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

11/16/82
SUBMITTAL 11/18/82

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	86	64	SIMULT	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	SEQUENT	NONE
LOCATION: GRID 2/110/630 ANNULUS	AGING	40 YEARS	40 YEARS	48	64	SEQUENT	NONE
FLOOD LEVEL ELEV: 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:

32147
LOCA-H2

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	86	64	SIMULT	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	SEQUENT	NONE
LOCATION: GRID 2/280/621 ANNULUS	AGING	40 YEARS	40 YEARS	8	64	SEQUENT	NONE
FLOOD LEVEL ELEV: N/A ABOVE 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

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
1	LINCOLN	1-141	213T	LOCA	NO	MOTOR	NO	DG-MECH	APD
2	LINCOLN	1-436	213T	LOCA HELB	NO NO	MOTOR	NO	DG-MECH	APD

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

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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

11/16/82
SUBMITTAL 11/18/82

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: 1-436	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

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
1	LOUIS ALLIS	1-131	R184T	LOCA	NO	MOTOR	NO	ABV	APD
2	LOUIS ALLIS	1-136	R184T	LOCA	NO	MOTOR	NO	ABV	APD
3	LOUIS ALLIS	1-201	R18T	LOCA	NO	MOTOR	NO	TBV	APD
				HELB	NO				
4	LOUIS ALLIS	1-211	R184T	LOCA	NO	MOTOR	NO	TBV	APD
				HELB	NO				

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

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1-131
ABV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 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: R184T	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: 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

11/16/82
SUBMITTAL 11/18/82

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

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 1-211	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 BIBLIOGRAPY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
1	MAGNETROL	16638	A-153-F-EP/VP-X-Y	LOCA	YES (R,S)	LEVEL SWITCHES	NO	RHR	APD
2	MAGNETROL	16639	A-153-F-EP/VP-X-Y	LOCA	YES (R,S)	LEVEL SWITCHES	NO	RHR	APD
3	MAGNETROL	1669301	A-153-FXEP/VP-XY-TDM	LOCA	YES (R,S)	LEVEL SWITCHES	NO	RHR	APD
4	MAGNETROL	1669302	A-153-FXEP/VP-XY-TDM	LOCA	YES (R,S)	LEVEL SWITCHES	NO	RHR	APD
5	MAGNETROL	1669401	A-153-FXEP/VP-XY-TDM	LOCA	YES (R,S)	LEVEL SWITCHES	NO	RHR	APD
6	MAGNETROL	1669402	A-153-FXEP/VP-XY-TDM	LOCA	YES (R,S)	LEVEL SWITCHES	NO	RHR	APD
7	MAGNETROL (SCHAUB ENGR)	16695	A-153 FEPTDM	LOCA	YES (T,P,H,CS,R,S)	LEVEL INDICATOR/ ALARM	YES	RHR	
8	MAGNETROL (SCHAUB ENGR)	16696	A-153 FEPTDM	LOCA	YES (T,P,H,CS,R,S)	LEVEL INDICATOR/ ALARM	YES	RHR	

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

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 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-P-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 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 BIBLIOGRAPY

HARSH:
LOCA YES (R,S)

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

16638
RHR

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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 BIBLIOGRAPY

HARSH:
LOCA YES (R,S)

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

16639
RHR

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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-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 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 BIBLIOGRAPY

HARSH:
LOCA YES (R,S)

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1669301
RHR

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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 BIBLIOGRAPY

HARSH:
LOCA YES (R,S)

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1669302
RHR

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 1669401	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 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-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.4/6.3/586 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,S)

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1669401
RHR

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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-FXEP/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	REQUIRED	YES	9	79	SEPARATE	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
LOCA YES (R,S)

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1669402
RHR

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	2 HOURS	4 HOURS	35	79	SIMULT	NONE
PLANT ID NO: 16695	TEMPERATURE DEG. F.	293	275,NOTE A	1	79	SIMULT	NONE
COMPONENT: LEVEL INDICATOR/ ALARM MANUFACTURER: MAGNETROL (SCHAUB ENGR) MODEL NUMBER: A-153 FEPTDM	PRESSURE PSIA	60.7	114.7	2,3	79	SEPARATE	NONE
	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	123	E.A.	NONE
SERVICE: ALARM	RADIATION RADS	7.2E6 GAMMA 2E6 BETA	1.3E8 GAMMA >2E6 BETA	8,78	80 101	TEST ANALYSIS	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,R,S)

NOTES:

E.A. = ENGINEERING ANALYSIS
A) TESTED TO 275• F. SEE REF. 164 FOR SATURATION TEMP PROFILE WHICH EXCEEDS TEST TEMPERATURE FOR LESS THAN 4 MIN.

16695
RHR

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	2 HOURS	4 HOURS	35	79	SIMULT	NONE
PLANT ID NO: 16696	TEMPERATURE DEG. F.	293	275,NOTE A	1	79	SIMULT	NONE
COMPONENT: LEVEL INDICATOR/ ALARM MANUFACTURER: MAGNETROL (SCHAUB ENGR) MODEL NUMBER: A-153 FEPTDM	PRESSURE PSIA	60.7	114.7	2,3	79	SEPARATE	NONE
	RELATIVE HUMIDITY PCT	100%	100%	2	79	SIMULT	NONE
FUNCTION: RHR SUMP B LVL B-2 LA	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 8.8	4,5,118	123	E.A.	NONE
SERVICE: ALARM	RADIATION RADS	7.2E6 GAMMA 2E6 BETA	1.3E8 GAMMA >2E6 BETA	8,78	80 101	TEST ANALYSIS	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:

E.A. = ENGINEERING ANALYSIS
A) TESTED TO 275• F. SEE REF. 164 FOR SATURATION TEMP PROFILE WHICH EXCEEDS TEST TEMPERATURE FOR LESS THAN 4 MIN.

16696
RHR

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
1	MCGRAW EDISON	1-024-52A-A	PSD	LOCA	NO	AUX CONTACT OF 4160V SWGR BUS 1-5	NO	ASP	APD
2	MCGRAW EDISON	1-031-52A-A	PSD	LOCA	NO	AUX CONTACT OF 4160V SWGR BUS 1-6	NO	ASP	APD
3	MCGRAW EDISON	1E-0027	PSD	LOCA HELB	NO NO	4160V SWITCHGEAR	NO	4160V	APD
4	MCGRAW EDISON	1E-0028	PSD	LOCA HELB	NO NO	4160V SWITCHGEAR	NO	4160V	APD

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

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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	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 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.

449100205
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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 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 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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

449100206
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	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 MANUFACTURER: MCGRAW EDISON	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: 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.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

UNIT: KEWAUNEE

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 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.

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM STUDY	BY
1	MERCOID	16073	DA 7021-804	LOCA	NO	PRESSURE SWITCH	NO	ASP	APD
2	MERCOID	16075	DA 7021-804	LOCA	NO	PRESSURE SWITCH	NO	ASP	APD

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

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

449100205A
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

449100206A
ASP

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM STUDY BY
1	NAMCO	31015-L	EA 170-12100 & 11100	LOCA	YES (T,R)	LIMIT SWITCHES (2) ON VALVE OPERATOR	NO	EP
2	NAMCO	31016-L	EA 170-12100 & 11100	LOCA	YES (R)	LIMIT SWITCHES (2) ON VALVE OPERATOR	NO	EP
3	NAMCO	31123-L	EA 740-20100	LOCA	YES (T,H,R)	LIMIT SWITCH	NO	RBV
4	NAMCO	31123-L	EA 740-20100	LOCA	YES (T,H,R)	LIMIT SWITCH	NO	ASP
5	NAMCO	31124-L	EA 740-20100	LOCA	YES (T,P,H,CS,R)	LIMIT SWITCH	YES	RBV
6	NAMCO	31124-L	EA 740-20100	LOCA	YES (T,P,H,CS,R)	LIMIT SWITCH	YES	ASP
7	NAMCO	31125-L	EA 740-20100	LOCA	YES (T,H,R)	LIMIT SWITCH	NO	RBV
8	NAMCO	31125-L	EA 740-20100	LOCA	YES (T,H,R)	LIMIT SWITCH	NO	ASP
9	NAMCO	31126-L	EA 740-20100	LOCA	YES (T,P,H,CS,R)	LIMIT SWITCH	YES	RBV
10	NAMCO	31126-L	EA 740-20100	LOCA	YES (T,P,H,CS,R)	LIMIT SWITCH	YES	ASP
11	NAMCO	31132-L	D-2400X	LOCA	YES (R)	LIMIT SWITCH	NO	WD-LIQ
12	NAMCO	31132-L	D-2400X	LOCA	YES (R)	LIMIT SWITCH	NO	ASP
13	NAMCO	31133-L	D-2400X	LOCA	YES (R)	LIMIT SWITCH	NO	WD-LIQ
14	NAMCO	31133-L	D-2400X	LOCA	YES (R)	LIMIT SWITCH	NO	ASP
15	NAMCO	31134-L	D-2400X	LOCA	YES (R)	LIMIT SWITCH	NO	WD-LIQ
16	NAMCO	31134-L	D-2400X	LOCA	YES (R)	LIMIT SWITCH	NO	ASP
17	NAMCO	31135-L	D-2400X	LOCA	YES (R)	LIMIT SWITCH	NO	WD-LIQ
18	NAMCO	31135-L	D-2400X	LOCA	YES (R)	LIMIT SWITCH	NO	ASP
19	NAMCO	31136-L	D-2400X	LOCA	YES (R)	LIMIT SWITCH	NO	WD-LIQ
20	NAMCO	31136-L	D-2400X	LOCA	YES (R)	LIMIT SWITCH	NO	ASP

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

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM STUDY BY
21	NAMCO	31137-L	D-2400X	LOCA	YES (R)	LIMIT SWITCH	NO	WD-LIQ
22	NAMCO	31137-L	D-2400X	LOCA	YES (R)	LIMIT SWITCH	NO	ASP
23	NAMCO	31216-L	D-2400X	LOCA	YES (R)	LIMIT SWITCH	NO	WD-LIQ
24	NAMCO	31216-L	D-2400X	LOCA	YES (R)	LIMIT SWITCH	NO	ASP
25	NAMCO	31217-L	D-2400X	LOCA	YES (R)	LIMIT SWITCH	NO	WD-LIQ
26	NAMCO	31217-L	D-2400X	LOCA	YES (R)	LIMIT SWITCH	NO	ASP
27	NAMCO	31231-L	EA-180	LOCA	YES (T,P,H,CS,R,S)	LIMIT SWITCH	YES	CVC
28	NAMCO	31231-L	EA 180	LOCA	YES (T,P,H,CS,R,S)	LIMIT SWITCHES	YES	ASP
29	NAMCO	31232-L	EA-180	LOCA	YES (T,P,H,CS,R,S)	LIMIT SWITCH	YES	CVC
30	NAMCO	31232-L	EA 180	LOCA	YES (T,P,H,CS,R,S)	LIMIT SWITCHES	YES	ASP
31	NAMCO	31233-L	EA-180	LOCA	YES (T,P,H,CS,R,S)	LIMIT SWITCH	YES	CVC
32	NAMCO	31233-L	EA 180	LOCA	YES (T,P,H,CS,R,S)	LIMIT SWITCHES	YES	ASP
33	NAMCO	31234-L	EA-180	LOCA	YES (R)	LIMIT SWITCH	NO	CVC
34	NAMCO	31234-L	EA-180	LOCA	YES (R)	LIMIT SWITCH	NO	ASP
35	NAMCO	31253-L	D-2400X	LOCA	YES (R)	LIMIT SWITCH	NO	ASP
36	NAMCO	31259-L	D-2400X	LOCA	YES (R)	LIMIT SWITCH	NO	RC
37	NAMCO	31259-L	D-2400X	LOCA	YES (R)	LIMIT SWITCH	NO	ASP
38	NAMCO	31260-L	D-2400X	LOCA	YES (R)	LIMIT SWITCH	NO	RC
39	NAMCO	31260-L	D-2400X	LOCA	YES (R)	LIMIT SWITCH	NO	ASP
40	NAMCO	31261-L	D-2400X	LOCA	YES (R)	LIMIT SWITCH	NO	RC
41	NAMCO	31261-L	D-2400X	LOCA	YES (R)	LIMIT SWITCH	NO	ASP

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

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM STUDY BY
42	NAMCO	31263-L #	EA 180	LOCA	YES (T,P,H,CS,R)	LIMIT SWITCHES (2)	YES	PS
43	NAMCO	31264-L #	EA 180	LOCA	YES (T,P,H,CS,R)	LIMIT SWITCHES (2)	YES	PS
44	NAMCO	31267-L #	D-2400X	LOCA	YES (R)	LIMIT SWITCHES (2) ON PRZR SAMPLE STOP CV	NO	PS
45	NAMCO	31268-L #	D-2400X	LOCA	YES (R)	LIMIT SWITCHES (2) ON PRZR LIQUID SAMPLE STOP CV	NO	PS
46	NAMCO	31269-L	D-2400X	LOCA	YES (R)	LIMIT SWITCHES (2) ON RC HOT LEG SAMPLE STOP CV	NO	EP
47	NAMCO	31270-L @	EA-180	LOCA	YES (T,P,H,CS,R)	LIMIT SWITCHES (2)	YES	SS
48	NAMCO	31271-L	D-2400X	LOCA	YES (R)	LIMIT SWITCH	NO	ASP
49	NAMCO	31271-L @	D-2400X	LOCA	YES (R)	LIMIT SWITCH	NO	SS
50	NAMCO	31272-L	D-2400X	LOCA	NO	LIMIT SWITCH	NO	ICS
51	NAMCO	31272-L	D-2400X-2	LOCA	NO	LIMIT SWITCH	NO	ASP
52	NAMCO	31273-L	D-2400X	LOCA	NO	LIMIT SWITCH	NO	ICS
53	NAMCO	31273-L	D-2400X-2	LOCA	NO	LIMIT SWITCH	NO	ASP
54	NAMCO	31298-L	D-2400X	LOCA	NO	LIMIT SWITCH	NO	RC
55	NAMCO	31298-L	D-2400X	LOCA	NO	LIMIT SWITCH	NO	ASP
56	NAMCO	31309-L #	D-2400X-2	LOCA	YES (R)	LIMIT SWITCHES	NO	ASP
57	NAMCO	31334-L @	EA-180	LOCA	YES (T,P,H,CS,R)	LIMIT SWITCHES (2)	YES	SS
58	NAMCO	31335-L	D-2400X	LOCA	YES (R)	LIMIT SWITCH ON VALVE OPERATOR	NO	ASP
59	NAMCO	31335-L @	D-2400X	LOCA	YES (R)	LIMIT SWITCH ON VALVE OPERATOR	NO	SS

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

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
60	NAMCO	31337-L @	EA 740-20100	LOCA	YES (T,H,R)	LIMIT SWITCHES	NO	RBV	
61	NAMCO	31338-L @	EA 740-20100	LOCA	YES (T,H,R)	LIMIT SWITCHES	NO	RBV	
62	NAMCO	31383-L #	D-2400X	LOCA	YES (R)	LIMIT SWITCHES (2) ON CNTMT AIR SAMPLE INLET ISOL 1A CV	NO	RBV	
63	NAMCO	31384-L #	D-2400X	LOCA	YES (R)	LIMIT SWITCHES (2) ON CNTMT AIR SAMPLE INLET ISOL 1B CV	NO	RBV	
64	NAMCO	31385-L #	D-2400X	LOCA	YES (R)	LIMIT SWITCHES (2) ON CNTMT AIR SAMPLE DISC ISOL 1B CV	NO	RBV	
65	NAMCO	31393-A	D-2400X	LOCA	YES (R)	LIMIT SWITCH	NO	ASP	
66	NAMCO	31393-L	D-2400X	LOCA	YES (R)	LIMIT SWITCH	NO	ICS	
67	NAMCO	31394-L @	D-2400X	LOCA	YES (R)	LIMIT SWITCHES (2)	NO	ICS	
68	NAMCO	31406-L	D-2400X & D-2400X-5R	LOCA	NO	LIMIT SWITCHES (2) ON VALVE POSITIONS	NO	EP	
69	NAMCO	31407-L	D-2400X & D-2400X-5R	LOCA	NO	LIMIT SWITCHES (2) ON VALVE POSITIONS	NO	EP	APD
70	NAMCO	34010-L	EA 180-31302 & 32302	LOCA	YES (R)	LIMIT SWITCHES	NO	ABSV	APD
71	NAMCO	34013-L	EA 180-31302 & 32302	LOCA	YES (R)	LIMIT SWITCHES	NO	ABSV	APD
72	NAMCO	34014-L	EA 180-31302	LOCA	YES (R)	LIMIT SWITCH	NO	ABSV	APD
73	NAMCO	34015-L	EA 180-31302	LOCA	YES (R)	LIMIT SWITCH	NO	ABSV	APD

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

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	88	SIMULT	NONE
PLANT ID NO: 31015-L	TEMPERATURE DEG. F.	145	200	37,38	88	SIMULT	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 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	SEQUENT	NONE
LOCATION: GRID M.5/5.1/622 AUX BLDG	AGING	40 YEARS	NOTE A	41	88	SEQUENT	NONE
FLOOD LEVEL ELEV: 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:

A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	88	SIMULT	NONE
PLANT ID NO: 31016-L	TEMPERATURE DEG. F.	115	N/A	37,38	N/A	N/A	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	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

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	173	SIMULT	NONE
PLANT ID NO: 31123-L LS-0	TEMPERATURE DEG. F.	160	380	53	173	SIMULT	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	13.7-15.7	N/A	53	N/A	N/A	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: EA 740-20100	RELATIVE HUMIDITY PCT	100%	100%	53	173	SIMULT	NONE
FUNCTION: CONTAINMENT VALVE ISOLATION	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL	RADIATION RADS	6.5E6	2.04E8	41	173	SEQUENT TEST	NONE
LOCATION: ANNULUS	AGING	40 YEARS	5 YEARS	2	173	SEQUENT 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:

31123-L
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	173	SIMULT	NONE
PLANT ID NO: 31123-L LS-C	TEMPERATURE DEG. F.	160	380	53	173	SIMULT	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	13.7-15.7	N/A	53	N/A	N/A	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: EA 740-20100	RELATIVE HUMIDITY PCT	100%	100%	53	173	SIMULT	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	2.04E8	41	173	SEQUENT TEST	NONE
LOCATION: ANNULUS	AGING	40 YEARS	5 YEARS	2	173	SEQUENT 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 BIBLIOGRAPY

HARSH:
LOCA YES (T,H,R)

NOTES:

4491 10404
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	173	SIMULT	NONE
PLANT ID NO: 31124-L LS-0	TEMPERATURE DEG. F.	293	380	1	173	SIMULT	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	60.7	114.7	2,3	173	SIMULT	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: EA 740-20100	RELATIVE HUMIDITY PCT	100%	100%	2	173	SIMULT	NONE
FUNCTION: CONTAINMENT ISOLATION INSIDE VESSEL EXH CV	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	3000 PPM BA	4,5,118	173	SIMULT	NONE
SERVICE: CONTROL	RADIATION RADS	5E7 GAMMA 2E6 BETA	2.04E8 >2E6	2,6,7,8	173 101	SEQUENT ANALYSIS	NONE
LOCATION: GRID 2.5/103/666 RX BLDG	AGING	40 YEARS	5 YEARS	2	173	SEQUENT 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 BIBLIOGRAPY

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

NOTES:
CONAX CONNECTOR INSTALLED TO SEAL LIMIT SWITCH.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	173	SIMULT	NONE
PLANT ID NO: 31124-L LS-C	TEMPERATURE DEG. F.	293	380	1	173	SIMULT	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	60.7	114.7	2,3	173	SIMULT	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: EA 740-20100	RELATIVE HUMIDITY PCT	100%	100%	2	173	SIMULT	NONE
FUNCTION: CNTMT ISOL INSIDE VESSEL EXH CV RBV3	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	3000 PPM BA	4,5,118	173	SIMULT	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	5E7 GAMMA 2E6 BETA	2.04E8	2,6,7,8	173	SEQUENT TEST	NONE
LOCATION: GRID 2.5/103/666 RX BLDG	AGING	40 YEARS	5 YEARS	2	173	SEQUENT 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 BIBLIOGRAPY

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

NOTES:
CONAX CONNECTOR INSTALLED TO SEAL LIMIT SWITCH.

449110403
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	173	SIMULT	NONE
PLANT ID NO: 31125-L LS-0	TEMPERATURE DEG. F.	160	380	53	173	SIMULT	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	13.7-15.7	N/A	53	N/A	N/A	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: EA 740-20100	RELATIVE HUMIDITY PCT	100%	100%	53	173	SIMULT	NONE
FUNCTION: CONTAINMENT ISOL. OUTSIDE VESSEL SPLY CV	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL	RADIATION RADS	6.5E6	2.04E8	41	173	SEQUENT TEST	NONE
LOCATION: ANNULUS	AGING	40 YEARS	5 YEARS	2	173	SEQUENT 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:
A) SEE AGING PROGRAM DESCRIPTION.

31125-L
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	173	SIMULT	NONE
PLANT ID NO: 31125-L LS-C	TEMPERATURE DEG. F.	160	380	53	173	SIMULT	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	13.7-15.7	N/A	53	N/A	N/A	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: EA 740-20100	RELATIVE HUMIDITY PCT	100%	100%	53	173	SIMULT	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	2.04E8	41	173	SEQUENT TEST	NONE
LOCATION: ANNULUS	AGING	40 YEARS	5 YEARS	2	173	SEQUENT 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 BIBLIOGRAPY

HARSH:
LOCA YES (T,H,R)

NOTES:

449110401
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	173	SIMULT	NONE
PLANT ID NO: 31126-L LS-0	TEMPERATURE DEG. F.	293	380	1	173	SIMULT	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	60.7	114.7	2,3	173	SIMULT	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: EA 740-20 100	RELATIVE HUMIDITY PCT	100%	100%	2	173	SIMULT	NONE
FUNCTION: CONTAINMENT ISOL. INSIDE VESSEL SPLY CV	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	3000 PPM BA	4,5,118	173	SIMULT	NONE
SERVICE: CONTROL	RADIATION RADS	5E7 GAMMA 2E6 BETA	2.04E8	2,6,7,8	173	SEQUENT TEST	NONE
LOCATION: GRID 2.5/109/660 RX BLDG	AGING	40 YEARS	5 YEARS	2	173	SEQUENT 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:
CONAX CONNECTOR INSTALLED TO SEAL LIMIT SWITCH.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	173	SIMULT	NONE
PLANT ID NO: 31126-L LS-C COMPONENT: LIMIT SWITCH	TEMPERATURE DEG. F.	293	380	1	173	SIMULT	NONE
MANUFACTURER: NAMCO	PRESSURE PSIA	60.7	114.7	2,3	173	SIMULT	NONE
MODEL NUMBER: EA 740-20100	RELATIVE HUMIDITY PCT	100%	100%	2	173	SIMULT	NONE
FUNCTION: CNTMT ISOL VLV RBV 2	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	3000 PPM BA	4,5,118	173	SIMULT	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	5E7 GAMMA 2E6 BETA	2.04E8	2,6,7,8	173	SEQUENT TEST	NONE
LOCATION: GRID 2.5/109/660 RX BLDG	AGING	40 YEARS	5 YEARS	2	173	SEQUENT 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:
CONAX CONNECTOR INSTALLED TO SEAL LIMIT SWITCH.

449110402
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: WASTE DISPOSAL	OPERATIONAL TIME	30 DAYS	1 YEAR	35	157,166	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	157	E.A.	NONE
LOCATION: GRID H.5/4.5/608 AUX BLDG SV ZONE	AGING	40 YEARS	13 YEARS	8	157 166	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

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	157,166	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	157	E.A.	NONE
LOCATION: GRID H.5/4.5/608 AUX BLDG SV ZONE	AGING	40 YEARS	13 YEARS	8	157 166	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

449110803
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	157, 166	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	157	E.A.	NONE
LOCATION: GRID H.4/4.5/608 AUX BLDG SV ZONE	AGING	40 YEARS	13 YEARS	8	157 166	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

31133-L
WD-LIQ

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	157,166	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	157	E.A.	NONE
LOCATION: GRID H.4/4.5/608 AUX BLDG SV ZONE	AGING	40 YEARS	13 YEARS	8	157 166	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

449110804
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	157,166	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	157	E.A.	NONE
LOCATION: GRID H.4/4.0/611 AUX BLDG SV ZONE	AGING	40 YEARS	13 YEARS	8	157 166	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 (E)

NOTES:
E.A. = ENGINEERING ANALYSIS

31134-L
WD-LIQ

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	157,166	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 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	157	E.A.	NONE
LOCATION: GRID H.4/4/611 AUX BLDG SV ZONE	AGING	40 YEARS	13 YEARS	8	157 166	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

449110901
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: WASTE DISPOSAL	OPERATIONAL TIME	30 DAYS	1 YEAR	35	157,166	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 RC DRN PMPS 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	157	E.A.	NONE
LOCATION: GRID H.4/4.6/611 AUX BLDG SV ZONE	AGING	40 YEARS	13 YEARS	8	157 166	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

31135-L
WD-LIQ

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	157,166	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	157	E.A.	NONE
LOCATION: GRID H.4/4.6/611 AUX BLDG SV ZONE	AGING	40 YEARS	13 YEARS	8	157 166	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

449110902
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	157,166	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 DRN 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	157	E.A.	NONE
LOCATION: GRID H.5/4.4/608 AUX BLDG SV ZONE	AGING	40 YEARS	13 YEARS	8	157 166	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

31136-L
WD-LIQ

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	157,166	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 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	157	E.A.	NONE
LOCATION: GRID H.5/4.4/603 AUX BLDG SV ZONE	AGING	40 YEARS	13 YEARS	8	157 166	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

449110903
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	157,166	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 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 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	157	E.A.	NONE
LOCATION: GRID H.4/4.4/608 AUX BLDG SV ZONE	AGING	40 YEARS	13 YEARS	8	157 166	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

31137-L
WD-LIQ

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	157,166	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 (R) 135	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	1.2E5	2.04E8	41	157	E.A.	NONE
LOCATION: GRID H.4/4.4/603 AUX BLDG SV ZONE	AGING	40 YEARS	13 YEARS	8	157 166	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

449110904
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	157,166	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: CNTMT ISOL RC 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	157	E.A.	NONE
LOCATION: GRID H.7/4.6/611 AUX BLDG SV ZONE	AGING	40 YEARS	13 YEARS	8	157 166	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

31216-L
WD-LIQ

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	157,166	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 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: 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	157	E.A.	NONE
LOCATION: GRID H.7/4.6/611 AUX BLDG SV ZONE	AGING	40 YEARS	13 YEARS	8	157 166	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

449110801
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	157,166	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 RC 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	157	E.A.	NONE
LOCATION: GRID H.6/4.6/611 AUX BLDG SV ZONE	AGING	40 YEARS	13 YEARS	8	157 166	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

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	157,166	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 (B) 504	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	1.2E5	6E6	41	157	E.A.	NONE
LOCATION: GRID H.6/4.6/611 AUX BLDG SV ZONE	AGING	40 YEARS	13 YEARS	8	157 166	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

449110802
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	30 DAYS	35	175	SIMULT	NONE
PLANT ID NO: 31231-L LS-O	TEMPERATURE DEG. F.	293	340	1	175	SIMULT	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	60.7	84.7	2,3	175	SIMULT	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: EA-180	RELATIVE HUMIDITY PCT	100%	100%	2	175	SIMULT	NONE
FUNCTION: CONTAINMENT ISOLATION VALVE	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	175	SIMULT	NONE
SERVICE: CONTROL	RADIATION RADS	5E7 GAMMA 2E6 BETA	2.04E8 GAMMA >2E6 BETA	2,6,7,8	175 101	SEQUENT ANALYSIS	NONE
LOCATION: RX BLDG	AGING	40 YEARS	5 YEARS	8	175	SEQUENT	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) CONAX FITTINGS TO SEAL THE SWITCH WERE INSTALLED DURING THE OUTAGE OF SPRING, 1982.

31231-L
CVC

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	175	SIMULT	NONE
PLANT ID NO: 31231-L LS-C & LS-O	TEMPERATURE DEG. F.	293	340	1	175	SIMULT	NONE
COMPONENT: LIMIT SWITCHES	PRESSURE PSIA	60.7	84.7	2,3	175	SIMULT	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: EA 180	RELATIVE HUMIDITY PCT	100%	100%	2	175	SIMULT	NONE
FUNCTION: LDN CRIF 1A CV CL LD-4A	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	175	SIMULT	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	5E7 GAMMA 2E6 BETA	2.04E8 GAMMA >2E6 BETA	2,6,7,8	175 101	SEQUENT ANALYSIS	NONE
LOCATION: GRID 7/320/596 RX BLDG	AGING	40 YEARS	5 YEARS	8	175	SEQUENT	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) CONAX FITTINGS TO SEAL THE SWITCH WERE INSTALLED DURING THE OUTAGE OF SPRING, 1982.

449110601
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	30 DAYS	35	175	SIMULT	NONE
PLANT ID NO: 31232-L LS-0	TEMPERATURE DEG. F.	293	340	1	175	SIMULT	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	60.7	84.7	2,3	175	SIMULT	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: EA-180	RELATIVE HUMIDITY PCT	100%	100%	2	175	SIMULT	NONE
FUNCTION: CONTAINMENT ISOLATION VALVE	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	175	SIMULT	NONE
SERVICE: CONTROL	RADIATION RADS	5E7 GAMMA 2E6 BETA	2.04E8 GAMMA >2E6 BETA	2,6,7,8	175 101	SEQUENT ANALYSIS	NONE
LOCATION: RX BLDG	AGING	40 YEARS	5 YEARS	2	175	SEQUENT	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) CONAX FITTINGS TO SEAL THE SWITCH WERE INSTALLED DURING THE OUTAGE OF SPRING, 1982.

31232-L
CVC

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	175	SIMULT	NONE
PLANT ID NO: 31232-L LS-C & LS-O	TEMPERATURE DEG. F.	293	340	1	175	SIMULT	NONE
COMPONENT: LIMIT SWITCHES	PRESSURE PSIA	60.7	84.7	2,3	175	SIMULT	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: EA 180	RELATIVE HUMIDITY PCT	100%	100%	2	175	SIMULT	NONE
FUNCTION: LDN ORIF 1B CV CL LD-4B	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	175	SIMULT	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	5E7 GAMMA 2E6 BETA	2.04E8 GAMMA >2E6 BETA	2,6,7,8	175 101	SEQUENT ANALYSIS	NONE
LOCATION: GRID 9/320/596 RX BLDG	AGING	40 YEARS	5 YEARS	8	175	SEQUENT	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) CONAX FITTINGS TO SEAL THE SWITCH WERE INSTALLED DURING THE OUTAGE OF SPRING, 1982.

449110602
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	175	SIMULT	NONE
PLANT ID NO: 31233-L LS-O	TEMPERATURE DEG. F.	293	340	1	175	SIMULT	NONE
COMPONENT: LIMIT SWITCH	PRESSURE PSIA	60.7	84.7	2,3	175	SIMULT	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: EA-180	RELATIVE HUMIDITY PCT	100%	100%	2	175	SIMULT	NONE
FUNCTION: CONTAINMENT ISOLATION VALVE	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	175	SIMULT	NONE
SERVICE: CONTROL	RADIATION RADS	5E7 GAMMA 2E6 BETA	2.04E8 GAMMA >2E6 BETA	2,6,7,8	175 101	SEQUENT ANALYSIS	NONE
LOCATION: RX BLDG	AGING	40 YEARS	5 YEARS	8	175	SEQUENT	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) CONAX FITTINGS TO SEAL THE SWITCH WERE INSTALLED DURING THE OUTAGE OF SPRING, 1982.

31233-L
CVC

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	175	SIMULT	NONE
PLANT ID NO: 31233-L LS-C & LS-O	TEMPERATURE DEG. F.	293	340	1	175	SIMULT	NONE
COMPONENT: LIMIT SWITCHES	PRESSURE PSIA	60.7	84.7	2,3	175	SIMULT	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: EA 180	RELATIVE HUMIDITY PCT	100%	100%	2	175	SIMULT	NONE
FUNCTION: LDN ORIF 1C CV CL LD-4C	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	175	SIMULT	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	5E7 GAMMA 2E6 BETA	2.04E8 GAMMA >2E6 BETA	2,6,7,8	175 101	SEQUENT ANALYSIS	NONE
LOCATION: GRID 11/320/596 RX BLDG	AGING	40 YEARS	5 YEARS	8	175	SEQUENT	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) CONAX FITTINGS TO SEAL THE SWITCH WERE INSTALLED DURING THE OUTAGE OF SPRING, 1982.

449110603
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	30 DAYS	35	175	SIMULT	NONE
PLANT ID NO: 31234-L LS-0	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: EA-180	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	2.04E8	41	175	SEQUENT	NONE
LOCATION: GRID J.7/5.9/621 AUX BLDG SV ZONE	AGING	40 YEARS	5 YEARS	8	175	SEQUENT	NONE
FLOOD LEVEL ELEV: N/A' ABOVE 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:

31234-L
CVC

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 DAYS	30 DAYS	35	175	SIMULT	NONE
PLANT ID NO: 31234-L LS-C	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: EA-180	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	2.04E8	41	175	SEQUENT	NONE
LOCATION: GRID J.7/5.9/621 AUX BLDG SV ZONE	AGING	40 YEARS	5 YEARS	8	175	SEQUENT	NONE
FLOOD LEVEL ELEV: 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:

449110503
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	157,167	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 SPLY 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	157	E.A.	NONE
LOCATION: GRID JWW.3/2.7/630 AUX BLDG	AGING	40 YEARS	6 YEARS	8	157 167	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

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ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL.	OUTSTANDING
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.	METHOD	ITEMS
SYSTEM: REACTOR COOLANT	OPERATIONAL TIME	30 DAYS	1 YEAR	35	157,166	E.A.	NONE
PLANT ID NO: 31259-L MG(R)512	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	157	E.A.	NONE
LOCATION: GRID H.5/4.5/611 AUX BLDG SV ZONE	AGING	40 YEARS	13 YEARS	8	157 166	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

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	157,166	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	157	E.A.	NONE
LOCATION: GRID H.5/4.5/611 AUX BLDG SV ZONE	AGING	40 YEARS	13 YEARS	8	157 166	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

449110701
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	157,166	E.A.	NONE
PLANT ID NO: 31260-L MG(R)513	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	157	E.A.	NONE
LOCATION: GRID H.4/4.5/611 AUX BLDG SV ZONE	AGING	40 YEARS	13 YEARS	8	157 166	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

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	157,166	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	157	E.A.	NONE
LOCATION: GRID H.4/4.5/611 AUX BLDG SV ZONE	AGING	40 YEARS	13 YEARS	8	157 166	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

449110702
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	157,166	E.A.	NONE
PLANT ID NO: 31261-L MV-1010-1	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	157	E.A.	NONE
LOCATION: GRID H.5/4.5/607 AUX BLDG SV ZONE	AGING	40 YEARS	13 YEARS	8	157 166	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

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	157,166	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	157	E.A.	NONE
LOCATION: GRID H.5/4.5/607 AUX BLDG	AGING	40 YEARS	13 YEARS	8	157 166	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

449110704
ASP

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	30 DAYS	35	175	SIMULT	NONE
PLANT ID NO: 31263-L # LS-O & LS-C	TEMPERATURE DEG. F.	293	340	1	175	SIMULT	NONE
COMPONENT: LIMIT SWITCHES (2)	PRESSURE PSIA	60.7	84.7	2,3	175	SIMULT	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: EA 180	RELATIVE HUMIDITY PCT	100%	100%	2	175	SIMULT	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	175	SIMULT	NONE
SERVICE: CONTROL ROOM INDICATION	RADIATION RADS	5E7 GAMMA 2E6 BETA	2.04E8 GAMMA >2E6 BETA	2,6,7,8	175 101	SEQUENT ANALYSIS	NONE
LOCATION: GRID 17/105/646 RX BLDG	AGING	40 YEARS	5 YEARS	8	175	SEQUENT	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,R)

NOTES:

A) CONAX FITTINGS TO SEAL THE SWITCH WERE INSTALLED DURING THE OUTAGE OF SPRING, 1982.

31263-L
PS

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	30 DAYS	35	175	SIMULT	NONE
PLANT ID NO: 31264-L # LS-O & LS-C	TEMPERATURE DEG. F.	293	340	1	175	SIMULT	NONE
COMPONENT: LIMIT SWITCHES (2)	PRESSURE PSIA	60.7	84.7	2,3	175	SIMULT	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: EA 180	RELATIVE HUMIDITY PCT	100%	100%	2	175	SIMULT	NONE
FUNCTION: POSITION INDICATION ON PRZR LIQ SAMPLE ISOL CV	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	175	SIMULT	NONE
SERVICE: CONTROL ROOM INDICATION	RADIATION RADS	5E7 GAMMA 2E6 BETA	2.04E8 GAMMA >2E6 BETA	2,6,7,8	175 101	SEQUENT ANALYSIS	NONE
LOCATION: GRID 23/122/631 RX BLDG	AGING	40 YEARS	5 YEARS	8	175	SEQUENT	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) CONAX FITTINGS TO SEAL THE SWITCH WERE INSTALLED DURING THE OUTAGE OF SPRING, 1982.

31264-L
PS

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	157,166	E.A.	NONE
PLANT ID NO: 31267-L # LS-O & LS-C	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	157	E.A.	NONE
LOCATION: GRID H.5/4.6/646 AUX BLDG SV ZONE	AGING	40 YEARS	13 YEARS	8	157 166	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

31267-L
PS

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	157,166	E.A.	NONE
PLANT ID NO: 31268-L # LS-O & LS-C	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	157	E.A.	NONE
LOCATION: GRID H.5/4.6/646 AUX BLDG SV ZONE	AGING	40 YEARS	13 YEARS	8	157 166	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

31268-L
PS

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	157,166	E.A.	NONE
PLANT ID NO: 31269-L LS-0 & LS-C	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	157	E.A.	NONE
LOCATION: GRID H.5/4.6/646 AUX BLDG SV ZONE	AGING	40 YEARS	13 YEARS	8	157 166	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

31269-L
EP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	175	SIMULT	NONE
PLANT ID NO: 31270-L @ LS-O & LS-C	TEMPERATURE DEG. F.	293	340	1	175	SIMULT	NONE
COMPONENT: LIMIT SWITCHES (2)	PRESSURE PSIA	60.7	84.7	2,3	175	SIMULT	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: EA-180	RELATIVE HUMIDITY PCT	100%	100%	2	175	SIMULT	NONE
FUNCTION: CNTMT ISOL S/G 1B SAMPLING STOP CV	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5	4,5,118	175	SIMULT	NONE
SERVICE: CONTROL	RADIATION RADS	5E7 GAMMA 2E6 BETA	2.04E8 GAMMA >2E6 BETA	2,6,7,8	175 101	SEQUENT ANALYSIS	NONE
LOCATION: GRID 6/75/611 RX BLDG	AGING	40 YEARS	5 YEARS	8	175	SEQUENT	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,R)

NOTES:

A) CONAX FITTINGS TO SEAL THE SWITCH WERE INSTALLED DURING THE OUTAGE OF SPRING, 1982.

31270-L
SS

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	157,167	E.A.	NONE
PLANT ID NO: 31271-L LS-C	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: 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	157	E.A.	NONE
LOCATION: GRID JJW.0/3.5/611 AUX BLDG	AGING	40 YEARS	6 YEARS	8	157 167	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

449110304
ASP

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	157,167	E.A.	NONE
PLANT ID NO: 31271-L @ LS-O	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: 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	157	E.A.	NONE
LOCATION: GRID JJW.0/4.5/611 AUX BLDG SV ZONE	AGING	40 YEARS	6 YEARS	8	157 167	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

31271-L
SS

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REF. * SPEC.	DOCUMENTATION REF. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: INTERNAL CONTAINMENT SPRAY PLANT ID NO: 31272-L LS-0 COMPONENT: LIMIT SWITCH MANUFACTURER: NAMCO MODEL NUMBER: D-2400X FUNCTION: CONTMT. ISOLATION VLV CNTMT. SPRAY TEST LINE TO RWST CV 1A SERVICE: INDICATION LOCATION: GRID GW.6/4.5/598 AUX BLDG SV ZONE FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	OPERATIONAL TIME	30 DAYS	1 YEAR	35	125,166	E.A.	NONE
	TEMPERATURE DEG. F.	60-104	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	<1E5	6E6	119	125	E.A.	NONE
	AGING	40 YEARS	13 YEARS	8	125,157, 166	E.A.	NONE
	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

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	41	125,166	E.A.	NONE
PLANT ID NO: 31272-L LS-C	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-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 YEARS	8	125,157, 166	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

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ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	125,166	E.A.	NONE
PLANT ID NO: 31273-L LS-O	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 YEARS	8	125,157, 166	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

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SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	125,166	E.A.	NONE
PLANT ID NO: 31273-L LS-C	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-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 YEARS	8	125,157, 166	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

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ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	41	125,167	E.A.	NONE
PLANT ID NO: 31298-L LS-0	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	6 YEARS	8	125,157, 167	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

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SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	125,167	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: 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	6 YEAPS	8	125,157, 167	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

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ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	41	157,166	E.A.	NONE
PLANT ID NO: 31309-L # LS-O & LS-C	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: 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	157	E.A.	NONE
LOCATION: GRID HW.3/5.3/637 AUX BLDG SV ZONE	AGING	40 YEARS	13 YEARS	8	157 166	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

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ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	175	SIMULT	NONE
PLANT ID NO: 31334-L @ LS-O & LS-C	TEMPERATURE DEG. F.	293	340	2	175	SIMULT	NONE
COMPONENT: LIMIT SWITCHES (2)	PRESSURE PSIA	60.7	84.7	2,3	175	SIMULT	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: EA-180	RELATIVE HUMIDITY PCT	100%	100%	2	175	SIMULT	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	175	SIMULT	NONE
SERVICE: CONTROL	RADIATION RADS	5E7 GAMMA 2E6 BETA	2.04E8 GAMMA >2E6 BETA	2,6,7,8	175 101	SEQUENT ANALYSIS	NONE
LOCATION: GRID 6/75/611 RX BLDG	AGING	40 YEARS	5 YEARS	8	175	SEQUENT	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) CONAX FITTINGS TO SEAL THE SWITCH WERE INSTALLED DURING THE OUTAGE OF SPRING, 1982.

31334-L
SS

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	157,166	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	157	E.A.	NONE
LOCATION: GRID JJW.0/4.5/611 AUX BLDG SV ZONE	AGING	40 YEARS	13 YEARS	8	157 166	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 BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:
E.A. = ENGINEERING ANALYSIS

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ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	157,166	E.A.	NONE
PLANT ID NO: 31335-L @ LS-0	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCH ON VALVE OPERATOR	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 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	157	E.A.	NONE
LOCATION: GRID JJW.0/4.5/611 AUX BLDG SV ZONE	AGING	40 YEARS	13 YEARS	8	157 166	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

31335-L
SS

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	173	SIMULT	NONE
PLANT ID NO: 31337-L @ LS-O & LS-C	TEMPERATURE DEG. F.	160	380	53	173	SIMULT	NONE
COMPONENT: LIMIT SWITCHES	PRESSURE PSIA	13.7-15.7	N/A	53	N/A	N/A	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: EA 740-20100	RELATIVE HUMIDITY PCT	100%	100%	53	173	SIMULT	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	2.04E8	41	173	SEQUENT	NONE
LOCATION: ANNULUS	AGING	40 YEARS	5 YEARS	2	173	SEQUENT	NONE
FLOOD LEVEL ELEV: 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:

31337-L
RBV

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	173	SIMULT	NONE
PLANT ID NO: 31338-L @ LS-O & LS-C	TEMPERATURE DEG. F.	160	380	53	173	SIMULT	NONE
COMPONENT: LIMIT SWITCHES	PRESSURE PSIA	13.7-15.7	N/A	53	N/A	N/A	NONE
MANUFACTURER: NAMCO							
MODEL NUMBER: EA 740-20100	RELATIVE HUMIDITY PCT	100%	100%	53	173	SIMULT	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	2.04E8	41	173	SEQUENT	NONE
LOCATION: ANNULUS	AGING	40 YEARS	5 YEARS	2	173	SEQUENT	NONE
FLOOD LEVEL ELEV: N/A ABOVE 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:
E.A. = ENGINEERING ANALYSIS

31338-L
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	157,166	E.A.	NONE
PLANT ID NO: 31383-L # LS-O & LS-C	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCHES (2) ON CNTNT 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 (31383)	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM INDICATION	RADIATION RADS	1.2E5	6E6	41	157	E.A.	NONE
LOCATION: GRID H.5/4.8/646 AUX BLDG SV ZONE	AGING	40 YEARS	13 YEARS	8	157 166	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

31383-L
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	157,166	E.A.	NONE
PLANT ID NO: 31384-L # LS-O & LS-C	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCHES (2) ON 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 (31384)	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM INDICATION	RADIATION RADS	1.2E5	6E6	41	157	E.A.	NONE
LOCATION: GRID H.5/4.8/646 AUX BLDG SV ZONE	AGING	40 YEARS	13 YEARS	8	157 166	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 (B)

NOTES:
E.A. = ENGINEERING ANALYSIS

31384-L
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 31385-L # LS-O & LS-C COMPONENT: LIMIT SWITCHES (2) ON CNTMT AIR SAMPLE DISC ISOL 1B CV MANUFACTURER: NAMCO MODEL NUMBER: D-2400X FUNCTION: POSITION INDICATION CV (31385) SERVICE: CONTROL ROOM INDICATION LOCATION: GRID H.5/4.8/646 AUX BLDG SV ZONE FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	OPERATIONAL TIME	30 DAYS	1 YEAR	35	157,166	E.A.	NONE
	TEMPERATURE DEG. F.	60-104	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	1.2E5	6E6	41	157	E.A.	NONE
	AGING	40 YEARS	13 YEARS	8	157 166	E.A.	NONE
	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

31385-L
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	157,166	E.A.	NONE
PLANT ID NO: 31393-A LS-O	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: CAUSTIC ADDN CI1001A	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: CONTROL ROOM ANNUNCIATION	RADIATION RADS	5.6E6	6E6	41	157	E.A.	NONE
LOCATION: GRID GW.4/5.2/587 AUX BLDG SV ZONE	AGING	40 YEARS	13 YEARS	8	157 166	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

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SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REP. * SPEC.	DOCUMENTATION REP. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: INTERNAL CONTAINMENT SPRAY PLANT ID NO: 31393-L LS-C COMPONENT: LIMIT SWITCH MANUFACTURER: NAMCO MODEL NUMBER: D-2400X FUNCTION: CONTAINMENT CAUSTIC ADDITIVE SERVICE: CONTROL LOCATION: GRID GW.4/5.2/587 AUX BLDG SV ZONE FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	OPERATIONAL TIME	30 DAYS	1 YEAR	35	157,166	E.A.	NONE
	TEMPERATURE DEG. F.	60-104	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	5.6E6	6E6	41	157	E.A.	NONE
	AGING	40 YEARS	13 YEARS	8	157 166	E.A.	NONE
	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

31393-L
ICS

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	157,166	E.A.	NONE
PLANT ID NO: 31394-L @ LS-O & LS-C	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: NAMCO							
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	157	E.A.	NONE
LOCATION: GRID GW.4/5.2/587 AUX BLDG SV ZONE	AGING	40 YEARS	13 YEARS	8	157 166	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

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

DOCKET: 50-305

11/16/82
SUBMITTAL 11/18/82

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 LS-O & LS-C COMPONENT: LIMIT SWITCHES (2) ON VALVE POSITIONS MANUFACTURER: NAMCO	TEMPERATURE DEG. F.	60-104	N/A	37	N/A	N/A	NONE
	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	14 YEARS	8	125,157, 166	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

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: EMERGENCY PROCEDURE	OPERATIONAL TIME	30 DAYS	N/A	35	N/A	N/A	NONE
PLANT ID NO: 31407-L LS-O & LS-C	TEMPERATURE DEG. F.	60-104	N/A	37,38	N/A	N/A	NONE
COMPONENT: LIMIT SWITCHES (2) ON VALVE POSITIONS MANUFACTURER: NAMCO	PRESSURE PSIA	13.7-15.7	N/A	37,38	N/A	N/A	NONE
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	40 YEARS	14 YEARS	8	125,157, 166	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:

31407-L
EP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 34010-L LS-O & LS-C COMPONENT: LIMIT SWITCHES MANUFACTURER: NAMCO MODEL NUMBER: EA 180-31302 & 32302 FUNCTION: ZONE SV EXH. FILTER ASSY. 1B INLET DAMPER SERVICE: CONTROL LOCATION: GRID GW.5/5.9/663 AUX BLDG SV ZONE FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	OPERATIONAL TIME	1 YEAR	1 YEAR	2	175	SIMULT	NONE
	TEMPERATURE DEG. F.	60-104	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	3.2E6	2.04E8	41	175	SEQUENT	NONE
	AGING	40 YEARS	20 YEARS	2	175	SEQUENT	NONE
	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:

34010-L
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 34013-L LS-O & LS-C COMPONENT: LIMIT SWITCHES MANUFACTURER: NAMCO MODEL NUMBER: EA 180-31302 & 32302 FUNCTION: ZONE SV EXH. FILTER ASSY. 1A INLET DAMPER SERVICE: CONTROL LOCATION: GRID GW.5/8.0/663 AUX BLDG SV ZONE FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	OPERATIONAL TIME	1 YEAR	1 YEAR	2	175	SIMULT	NONE
	TEMPERATURE DEG. F.	60-104	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	3.2E6	2.04E8	41	175	SEQUENT	NONE
	AGING	40 YEARS	20 YEARS	2	175	SEQUENT	NONE
	SUBMERGENCE	N/A	N/A	N/A	N/A	N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:
LOCA YES (R)

NOTES:

34013-L
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	175	SIMULT	NONE
PLANT ID NO: 34014-L LS-C	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: EA 180-31302	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	2.04E8	41	175	SEQUENT	NONE
LOCATION: GRID GW.5/6.9/662 AUX BLDG SV ZONE	AGING	40 YEARS	20 YEARS	2	175	SEQUENT	NONE
FLOOD LEVEL ELEV: N/A ABOVE 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:

34014-L
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	175	SIMULT	NONE
PLANT ID NO: 34015-L LS-C	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: EA 180-31302	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	2.04E8	41	175	SEQUENT	NONE
LOCATION: GRID GW.6/6.9/662 AUX BLDG SV ZONE	AGING	40 YEARS	20 YEARS	2	175	SEQUENT	NONE
FLOOD LEVEL ELEV: 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:

34015-L
ABSV

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM STUDY BY
1	NEBULA	NEB-1	E550-EP-1	LOCA	YES (T,P,H,CS,R)	GREASE	YES	MISC

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

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	64, 100 APP A	SIMULT	NONE
PLANT ID NO: NEB-1	TEMPERATURE DEG. F.	293	325	1	64, 100 APP A	SIMULT	NONE
COMPONENT: GREASE	PRESSURE PSIA	60.7	90	2,3	64, 100 APP A	SIMULT	NONE
MANUFACTUERER: NEBULA							
MODEL NUMBER: E550-EP-1	RELATIVE HUMIDITY PCT	100%	100%	2	64, 100 APP A	SIMULT	NONE
FUNCTION: LIMITORQUE GEARS MOTOR BEARINGS (MOV'S)	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 9.25	4,5,118	64, 100 APP A	SIMULT	NONE
SERVICE: LUBRICATION	RADIATION RADS	5E7 GAMMA 2E6 BETA	2.4E8 GAMMA >2E6 BETA	2,6,7,8	18, 100 APP A, 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)

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

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
1	D. G. O'BRIEN	DGO-1	MVP (PR-110)	LOCA	YES (T,P,H,CS,R)	ELEC. PENETRATION	YES	MISC	EDS
2	D. G. O'BRIEN	DGO-2	LVP (PR-12)	LOCA HELB	YES (T,P,H,CS,R) YES (T,H)	ELEC. PENETRATION	YES	MISC	EDS
3	D. G. O'BRIEN	DGO-3	CRDP (PR-7)	LOCA	YES (T,P,H,CS,R)	ELEC. PENETRATION	YES	MISC	EDS
4	D. G. O'BRIEN	DGO-4	NIS (PR-2)	LOCA HELB	YES (T,P,H,CS,R) YES (T,H)	ELEC. PENETRATION	YES	MISC	EDS
5	D. G. O'BRIEN	DGO-5	RM (PR-11)	LOCA	YES (T,P,H,CS,R)	ELEC. PENETRATION	YES	MISC	EDS
6	D. G. O'BRIEN	DGO-6	I&C (PR-8)	LOCA HELB	YES (T,P,H,CS,R) YES (T,H)	ELEC. PENETRATION	YES	MISC	EDS

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

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: DGO-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)	RELATIVE HUMIDITY PCT	100%	100%	2	24	SIMULT	NONE
S/N PR-110							
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	ANALYSIS	NONE
LOCATION: RX BLDG & AUX BLDG	AGING	40 YEARS	>>40 YEARS	8	149,157	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,R)

NOTES:

E.A. = ENGINEERING ANALYSIS
A) TESTED TO 270° F. SEE REF. 164 FOR SATURATION TEMP. PROFILE WHICH EXCEEDS TEST TEMP. FOR LESS THAN 5 MINUTES. PROFILE EXCEEDS TEST TEMPERATURE FOR LESS THAN 5 MINUTES.

DGO-1
MISC

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	1 171	27 27	SIMULT SIMULT	NONE
COMPONENT: ELEC. PENETRATION	PRESSURE PSIA	60.7 16.4 (HELB)	66.7 N/A	2,3 171	27 N/A	SIMULT N/A	NONE
MANUFACTURER: D. G. O'BRIEN							
MODEL NUMBER: LVP (PR-12)	RELATIVE HUMIDITY PCT	100% 100% (HELB)	100% 100%	2 171	27 27	SIMULT SIMULT	NONE
S/N PR-12							
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	2,6,7,8 119,171	26,101 26,101	ANALYSIS ANALYSIS	NONE
LOCATION: RX BLDG & AUX BLDG	AGING	40 YEARS 40 YEARS (HELB)	>>40 YEARS >>40 YEARS	8 8	149,157 149,157	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. SEE REF. 164 FOR SATURATION TEMP. PROFILE WHICH EXCEEDS TEST TEMP. FOR LESS THAN 5 MINUTES. PROFILE EXCEEDS TEST TEMPERATURE FOR LESS THAN 5 MINUTES.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	149,157	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,R)

NOTES:

E.A. = ENGINEERING ANALYSIS
A) TESTED TO 270° F. SEE REF. 164 FOR SATURATION TEMP. PROFILE WHICH EXCEEDS TEST TEMP. FOR LESS THAN 5 MINUTES. PROFILE EXCEEDS TEST TEMPERATURE FOR LESS THAN 5 MINUTES.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	26,31	TEST/ANALY	NONE
PLANT ID NO: DGO-4	TEMPERATURE DEG. F.	293	270, NOTE A	1	31	SIMULT	NONE
		234 (HELB)	270, NOTE A	171	31	SIMULT	
COMPONENT: ELEC. PENETRATION	PRESSURE PSIA	60.7	66.7	2,3	31	SIMULT	NONE
		16.4 (HELB)	N/A	171	N/A	N/A	
MANUFACTURER: D. G. O'BRIEN							
MODEL NUMBER: NIS (PR-2)	RELATIVE HUMIDITY PCT	100%	100%	2	31	SIMULT	NONE
		100% (HELB)	100%	171	31	SIMULT	
S/N PR-2							
FUNCTION: VARIOUS	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 8.8	4,5,118	25	E.A.	NONE
		N/A (HELB)	N/A	N/A	N/A	N/A	
SERVICE: ELEC. CONNECTIONS	RADIATION RADS	5E7 GAMMA 2E6 BETA	3E8 GAMMA >2E6 BETA	2,6,7,8	26	ANALYSIS	NONE
		<1E5 GAMMA HELB	3E8 GAMMA	119,171	26,101	ANALYSIS	
LOCATION: RX BLDG & AUX BLDG	AGING	40 YEARS	>>40 YEARS	8	149,157	ANALYSIS	NONE
		40 YEARS (HELB)	>>40 YEARS	8	149,157	ANALYSIS	
FLOOD LEVEL ELEV: N/A, 609 (HELB) ABOVE FLOOD LEVEL: N/A, YES (HELB)	SUBMERGENCE	NOT REQUIRED	N/A	9	N/A	N/A	NONE
		NOT REQ (HELB)	N/A	N/A	N/A	N/A	

* 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. SEE REF. 164 FOR SATURATION TEMP. PROFILE WHICH EXCEEDS TEST TEMP. FOR LESS THAN 5 MINUTES. PROFILE EXCEEDS TEST TEMPERATURE FOR LESS THAN 5 MINUTES.

DGO-4
MISC

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	26,33	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: RM (PR-11)	RELATIVE HUMIDITY PCT	100%	100%	2	33	SIMULT	NONE
S/N PR-11							
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	ANALYSIS	NONE
LOCATION: RX BLDG & AUX BLDG	AGING	40 YEARS	>>40 YEARS	8	149,157	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,R)

NOTES:

E.A. = ENGINEERING ANALYSIS
A) TESTED TO 270° F. SEE REF. 164 FOR SATURATION TEMP. PROFILE WHICH EXCEEDS TEST TEMP. FOR LESS THAN 5 MINUTES. PROFILE EXCEEDS TEST TEMPERATURE FOR LESS THAN 5 MINUTES.

DGO-5
MISC

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

DOCKET: 50-305

11/16/82
SUBMITTAL 11/18/82

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	270, NOTE A	1	34	SIMULT	NONE
		234 (HELB)	270, NOTE A	171	34	SIMULT	
COMPONENT: ELEC. PENETRATION	PRESSURE PSIA	60.7	66.7	2,3	34	SIMULT	NONE
		16.4 (HELB)	N/A	171	N/A	N/A	
MANUFACTURER: D. G. O'BRIEN							
MODEL NUMBER: I&C (PR-8)	RELATIVE HUMIDITY PCT	100%	100%	2	34	SIMULT	NONE
		100% (HELB)	100%	171	34	SIMULT	
S/N PR-8							
FUNCTION: VARIOUS	CHEMICAL SPRAY	PH = 8.8	PH = 8.8	4,5,118	25	E.A.	NONE
		2324 PPM BA					
		0.03 WT % NAOH					
		N/A (HELB)	N/A	N/A	N/A	N/A	
SERVICE: ELEC. CONNECTIONS	RADIATION RADS	5E7 GAMMA	3E8 GAMMA	2,6,7,8	26,101	ANALYSIS	NONE
		2E6 BETA	>2E6 BETA				
		<1E5 GAMMA HELB	3E8 GAMMA	119,171	26,101	ANALYSIS	
LOCATION: RX BLDG & AUX BLDG	AGING	40 YEARS	>>40 YEARS	8	149,157	ANALYSIS	NONE
		40 YEARS (HELB)	>>40 YEARS	8	149,157	ANALYSIS	
FLOOD LEVEL ELEV: N/A, 609 (HELB) ABOVE FLOOD LEVEL: N/A, YES (HELB)	SUBMERGENCE	NOT REQUIRED	N/A	9	N/A	N/A	NONE
		NOT REQ (HELB)	N/A	N/A	N/A	N/A	

* 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. SEE REF. 164 FOR SATURATION TEMP. PROFILE WHICH EXCEEDS TEST TEMP. FOR LESS THAN 5 MINUTES. PROFILE EXCEEDS TEST TEMPERATURE FOR LESS THAN 5 MINUTES.

DGO-6
MISC

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM STUDY BY
1	OKONITE	OKO-1	OKONITE-OKOPRENE	LOCA	YES (T,P,H,CS,R,S)	CABLE	YES	MISC
2	OKONITE	OKO-2	T-95	LOCA	YES (T,P,H,CS,R)	CABLE SPLICE AND TERMINATION KITS	YES	MISC

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

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	11,91,98	SIMULT	NONE
PLANT ID NO: OKO-1	TEMPERATURE DEG. F.	293	346	1	11,91,98	SIMULT	NONE
COMPONENT: CABLE	PRESSURE PSIA	60.7	74.7	2,3	11,91,98	SIMULT	NONE
MANUFACTURER: OKONITE							
MODEL NUMBER: OKONITE-OKOPRENE	RELATIVE HUMIDITY PCT	100%	100%	2	11,91,98	SIMULT	NONE
FUNCTION: VARIOUS	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 8.9	4,5,118	91,98,122	SIMULT	NONE
SERVICE: ELECTRICAL POWER	RADIATION RADS	5E7 GAMMA 2E6 BETA	5E7 GAMMA >2E6 BETA	2,6,7,8	11,91,98 101	SEQUENT ANALYSIS	NONE
LOCATION: RX BLDG & AUX BLDG	AGING	40 YEARS	40 YEARS	2	11,91,98 126	SEQUENT	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: NO	SUBMERGENCE	REQUIRED	YES,NOTE A	9	91	SEQUENTIAL	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

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

NOTES:
A) 18 MONTHS IN 90 C. WATER WHILE ENERGIZED.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	98,99,126	SIMULT	NONE
PLANT ID NO: OKO-2	TEMPERATURE DEG. F.	293	345	1	98,99,126	SIMULT	NONE
COMPONENT: CABLE SPLICE AND TERMINATION KITS MANUFACTURER: OKONITE	PRESSURE PSIA	60.7	128	2,3	98,99,126	SIMULT	NONE
MODEL NUMBER: T-95	RELATIVE HUMIDITY PCT	100%	100%	2	98,99,126	SIMULT	NONE
FUNCTION: VARIOUS	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH	PH = 10.5 NOTE A	4,5,118	91,98,99 126	SIMULT	NONE
SERVICE: SPLICE PLUS TERMINATIONS	RADIATION RADS	5E7 GAMMA 2E6 BETA	2E8 GAMMA >2E6 BETA	2,6,7,8	98,99,101 126	SEQUENT ANALYSIS	NONE
LOCATION: RX BLDG & AUX BLDG	AGING	40 YEARS	40 YEARS	8	98,99,126	SEQUENT	NONE
FLOOD LEVEL ELEV: 600 ABOVE FLOOD LEVEL: YES	SUBMERGENCE	REQUIRED	YES	9	98	SEQUENT	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPHY

HARSH:

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

NOTES:

A) 0.28 MOLAR BORIC ACID, 0.064 MOLAR SODIUM THIOSULFATE, 0.59% SODIUM HYDROXIDE.

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
1	REDA PUMP	1-110	G443D35P-5	LOCA HELB	NO NO	MOTOR/PUMP	NO	DG-MECH	APD
2	REDA PUMP	1-139	G443D35P-5	LOCA HELB	NO NO	MOTOR/PUMP	NO	DG-MECH	APD

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

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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

11/16/82
SUBMITTAL 11/18/82

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

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
1	RELIANCE	1-116	324TCZ	LOCA NO HELB NO		MOTOR	NO	TBV	APD
2	RELIANCE	1-118	324TCZ	LOCA NO HELB NO		MOTOR	NO	TBV	APD
3	RELIANCE	1-120	TYPE N	LOCA YES	(T,P,H,CS,R)	MOTOR	YES	RBV	
4	RELIANCE	1-121	TYPE N	LOCA YES	(T,P,H,CS,R)	MOTOR	YES	RBV	
5	RELIANCE	1-126	284-T	LOCA YES	(R)	MOTOR	NO	ABSV	
6	RELIANCE	1-127	284-T	LOCA YES	(R)	MOTOR	NO	SBV	
7	RELIANCE	1-144	284-T	LOCA YES	(R)	MOTOR	NO	ABSV	
8	RELIANCE	1-145	284-T	LOCA YES	(R)	MOTOR	NO	SBV	
9	RELIANCE	1-156	TYPE N	LOCA YES	(T,P,H,CS,R)	MOTOR	YES	RBV	
10	RELIANCE	1-157	TYPE N	LOCA YES	(T,P,H,CS,R)	MOTOR	YES	RBV	
11	RELIANCE	1-242	184 TD	HELB NO		MOTOR	NO	SW	APD
12	RELIANCE	1-243	184 TD	HELB NO		MOTOR	NO	SW	APD
13	RELIANCE	1-252	184 TD	HELB NO		MOTOR	NO	SW	APD
14	RELIANCE	1-265	213-T	LOCA NO HELB NO		MOTOR	NO	CRM-HVAC	APD
15	RELIANCE	1-266	213-T	LOCA NO HELB NO		MOTOR	NO	CRM-HVAC	APD
16	RELIANCE	1-294	184 TD	HELB NO		MOTOR	NO	SW	APD
17	RELIANCE	1-298	SPECIAL	LOCA YES	(R)	MOTOR	NO	ABV	
18	RELIANCE	1-299	SPECIAL	LOCA YES	(R)	MOTOR	NO	ABV	
19	RELIANCE	1-583	TYPE N	LOCA YES	(T,P,H,CS,R)	MOTOR	YES	RBV	

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

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM STUDY BY
20	RELIANCE	1-584	TYPE N	LOCA	YES (T,P,H,CS,R)	MOTOR	YES	RBV

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

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 1-116	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 BIBLIOGRAPY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1-116
TBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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

11/16/82
SUBMITTAL 11/18/82

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	SEQUENT	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.

1-120
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	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 1C	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	SEQUENT	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.

1-121
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	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	ANALYSIS	NONE
LOCATION: GRID GW/7/657 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	130	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:

1-126
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

UNIT: KEWAUNEE

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	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	ANALYSIS	NONE
LOCATION: GRID GW.6/4.3/660 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	130	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:

1-127
SBV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	130	TYPE TEST	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: 284-T	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	ANALYSIS	NONE
LOCATION: GRID GW/7/657 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	130	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:

1-144
ABSV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

UNIT: KEWAUNEE

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	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	ANALYSIS	NONE
LOCATION: GRID GW.6/3.7/660 AUX BLDG SV ZONE	AGING	40 YEARS	40 YEARS	8	130	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:

1-145
SBV

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 1-156 COMPONENT: MOTOR MANUFACTURER: RELIANCE MODEL NUMBER: TYPE N FUNCTION: CONTAINMENT FAN COIL UNIT 1B SERVICE: FAN DRIVER LOCATION: GRID /130/606 RX BLDG	OPERATIONAL TIME	1 YEAR	1 YEAR	35	16	SIMULT	NONE
	TEMPERATURE DEG. F.	293	300	1	16	SIMULT	NONE
	PRESSURE PSIA	60.7	89.7	2,3	16	SIMULT	NONE
	RELATIVE HUMIDITY PCT	100%	100%	2	16	SIMULT	NONE
	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
	RADIATION RADS	5E7 GAMMA 2E6 BETA	1.9E8 GAMMA >2E6 BETA	2,6,7,8	16,101	ANALY	NONE
	AGING	40 YEARS	40 YEARS	8	16	SEQUENT	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

11/16/82
SUBMITTAL 11/18/82

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	SEQUENT	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

11/16/82
SUBMITTAL 11/18/82

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	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

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	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

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 1-252	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 1B2	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 BIBLIOGRAPY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1-252
SW

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	119 119,171	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 BIBLIOGRAPY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 1-266	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 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	119 119,171	N/A N/A	N/A N/A	NONE
LOCATION: GRID G.2/8.0/651 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.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	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 1B1	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 BIBLIOGRAPY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1-294
SW

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	169	TYPE TEST	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: RELIANCE							
MODEL NUMBER: SPECIAL	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	2E8	41	169	TYPE TEST	NONE
LOCATION: GRID K/6.7/568 AUX BLDG	AGING	40 YEARS	>40 YEARS	8	169	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:

1-298
ABV

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	169	TYPE TEST	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: RELIANCE							
MODEL NUMBER: SPECIAL	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	2E8	41	169	TYPE TEST	NONE
LOCATION: GRID K/6.7/568 AUX BLDG	AGING	40 YEARS	>40 YEARS	8	169	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:

1-299
ABV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 1-583 COMPONENT: MOTOR MANUFACTURER: RELIANCE MODEL NUMBER: TYPE N FUNCTION: CONTAINMENT DOME VENTILATION FAN 1A SERVICE: FAN DRIVER LOCATION: GRID /170/649 RX BLDG	OPERATIONAL TIME	1 YEAR	1 YEAR	35	16	SIMULT	NONE
	TEMPERATURE DEG. F.	293	300	1	16	SIMULT	NONE
	PRESSURE PSIA	60.7	89.7	2,3	16	SIMULT	NONE
	RELATIVE HUMIDITY PCT	100%	100%	2	16	SIMULT	NONE
	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
	RADIATION RADS	5E7 GAMMA 2E6 BETA	1.9E8 GAMMA >2E6 BETA	2,6,7,8	16,101	ANALY	NONE
	AGING	40 YEARS	40 YEARS	8	16	SEQUENT	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 BIBLIOGRAPY

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.

1-583
RBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 % 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 /350/649 RX BLDG	AGING	40 YEARS	40 YEARS	8	16	SEQUENT	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 BIBLIOGRAPY

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

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM STUDY BY
1	ROSEMOUNT	23001	1153DD6	LOCA HELB	YES (T,P,H,CS,R) YES (R)	TRANSMITTER, DP	YES	MS
2	ROSEMOUNT	23002	1153DD6	LOCA HELB	YES (T,P,H,CS,R) YES (R)	TRANSMITTER, DP	YES	MS
3	ROSEMOUNT	23005	1153DD6	LOCA HELB	YES (T,P,H,CS,R) YES (R)	TRANSMITTER, DP	YES	MS
4	ROSEMOUNT	23007	1153DD6	LOCA HELB	YES (T,P,H,CS,R) YES (R)	TRANSMITTER, DP	YES	MS

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

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	NOTE B	SIMULT	NONE
PLANT ID NO: 23001	TEMPERATURE DEG. F.	293 120 (HELB)	350 N/A	1 114	NOTE B N/A	SIMULT N/A	NONE
COMPONENT: TRANSMITTER, DP	PRESSURE PSIA	60.7 13.7-15.7 HELB	94.7 N/A	2,3 114	NOTE B N/A	SIMULT N/A	NONE
MANUFACTURER: ROSEMOUNT							
MODEL NUMBER: 1153DD6	RELATIVE HUMIDITY PCT	100% 10-80% (HELB)	100% N/A	2 113	NOTE B N/A	SIMULT N/A	NONE
FUNCTION: MS FROM S/G 1A F XMTR	CHEMICAL SPRAY	PH = 8.8 2324 PPM BA 0.03 WT % NAOH N/A (HELB)	PH = 8.5-11.0 0.28M BA N/A	4,5,118 N/A	NOTE B N/A	SIMULT N/A	NONE
SERVICE: FT-464	RADIATION RADS	5E7 GAMMA 2E6 BETA 5E7 GAMMA, HELB	2E8 GAMMA 2E8 GAMMA	2,6,7,8 2,6,7,8,115	NOTE B NOTE B	SIMULT SIMULT	NONE
LOCATION: GRID 6.5/278/654 RX BLDG	AGING	NOTE A NOTE A (HELB)	10 YRS AT 120 F 10 YRS AT 120 F	NOTE A NOTE A	NOTE B NOTE B	SIMULT SIMULT	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 9	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) SEE AGING PROGRAM DESCRIPTION.
B) QUALIFICATION TESTING IN PROGRESS. DOCUMENTATION FROM WYLE LAB EXPECTED IN NOVEMBER, 1982.

23001
MS

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	NOTE B	SIMULT	NONE
PLANT ID NO: 23002	TEMPERATURE DEG. F.	293 120 (HELB)	350 N/A	1 114	NOTE B N/A	SIMULT N/A	NONE
COMPONENT: TRANSMITTER, DP	PRESSURE PSIA	60.7 13.7-15.7 HELB	94.7 N/A	2,3 114	NOTE B N/A	SIMULT N/A	NONE
MANUFACTURER: ROSEMOUNT							
MODEL NUMBER: 1153DD6	RELATIVE HUMIDITY PCT	100% 10-80% (HELB)	100% N/A	2 113	NOTE B N/A	SIMULT N/A	NONE
FUNCTION: MS FROM S/G 1B F XMTR	CHEMICAL SPRAY	PH = 8.3 2324 PPM BA 0.03 WT % NAOH N/A (HELB)	PH = 8.5-11.0 0.28M BA N/A	4,5,118 N/A	NOTE B N/A	SIMULT N/A	NONE
SERVICE: FT-474	RADIATION RADS	5E7 GAMMA 2E6 BETA 5E7 GAMMA, HELB	2E8 GAMMA 2E8 GAMMA	2,6,7,8 2,6,7,8,115	NOTE B NOTE B	SIMULT SIMULT	NONE
LOCATION: GRID 16.5/112/654 RX BLDG	AGING	NOTE A NOTE A (HELB)	10 YRS AT 120 F 10 YRS AT 120 F	NOTE A NOTE A	NOTE B NOTE B	SIMULT SIMULT	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 9	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) SEE AGING PROGRAM DESCRIPTION.
B) QUALIFICATION TESTING IN PROGRESS. DOCUMENTATION FROM WYLE LAB EXPECTED IN NOVEMBER, 1982.

23002
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	NOTE B	SIMULT	NONE
PLANT ID NO: 23005	TEMPERATURE DEG. F.	293 120 (HELB)	350 N/A	1 114	NOTE B N/A	SIMULT N/A	NONE
COMPONENT: TRANSMITTER, DP	PRESSURE PSIA	60.7 13.7-15.7 HELB	94.7 N/A	2,3 114	NOTE B N/A	SIMULT N/A	NONE
MANUFACTURER: ROSEMOUNT							
MODEL NUMBER: 1153DD6	RELATIVE HUMIDITY PCT	100% 10-80% (HELB)	100% N/A	2 113	NOTE B N/A	SIMULT N/A	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 = 8.5-11.0 0.28M BA N/A	4,5,118 N/A	NOTE B N/A	SIMULT N/A	NONE
SERVICE: FT-465	RADIATION RADS	5E7 GAMMA 2E6 BETA 5E7 GAMMA, HELB	2E8 GAMMA 2E8 GAMMA	2,6,7,8 2,6,7,8,115	NOTE B NOTE B	SIMULT SIMULT	NONE
LOCATION: GRID 8/265/654 RX BLDG	AGING	NOTE A NOTE A (HELB)	10 YRS AT 120 F 10 YRS AT 120 F	NOTE A NOTE A	NOTE B NOTE B	SIMULT SIMULT	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 9	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) SEE AGING PROGRAM DESCRIPTION.
B) QUALIFICATION TESTING IN PROGRESS. DOCUMENTATION FROM WYLE LAB EXPECTED IN NOVEMBER, 1982.

23005
MS

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	1 YEAR	35	NOTE B	SIMULT	NONE
PLANT ID NO: 23007	TEMPERATURE DEG. F.	293 120 (HELB)	350 N/A	1 114	NOTE B N/A	SIMULT N/A	NONE
COMPONENT: TRANSMITTER, DP	PRESSURE PSIA	60.7 13.7-15.7 HELB	94.7 N/A	2,3 114	NOTE B N/A	SIMULT N/A	NONE
MANUFACTURER: ROSEMOUNT							
MODEL NUMBER: 1153DD6	RELATIVE HUMIDITY PCT	100% 10-80% (HELB)	100% N/A	2 113	NOTE B N/A	SIMULT N/A	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 = 8.5-11.0 0.28M BA N/A	4,5,118 N/A	NOTE B N/A	SIMULT N/A	NONE
SERVICE: FT-475	RADIATION RADS	5E7 GAMMA 2E6 BETA 5E7 GAMMA, HELB	2E8 GAMMA 2E8 GAMMA	2,6,7,8 2,6,7,8,115	NOTE B NOTE B	SIMULT SIMULT	NONE
LOCATION: GRID 16.5/115/654 RX BLDG	AGING	NOTE A NOTE A (HELB)	10 YRS AT 120 F 10 YRS AT 120 F	NOTE A NOTE A	NOTE B NOTE B	SIMULT SIMULT	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 9	N/A N/A	N/A N/A	NONE

* DOCUMENTATION REFERENCES:
SEE THE ENCLOSED BIBLIOGRAPY

HARSH:

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

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.
B) QUALIFICATION TESTING IN PROGRESS. DOCUMENTATION FROM WYLE LAB EXPECTED IN NOVEMBER, 1982.

23007
MS

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM STUDY BY
1	ROTRON	1-115	1505JH	LOCA	YES (R)	MOTOR	NO	SBV
2	ROTRON	1-147	1505JH	LOCA	YES (R)	MOTOR	NO	SBV

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

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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 BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:

1-115
SBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

UNIT: KEWAUNEE

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	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 BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:

1-147
SBV

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
1	SOLIDSTATE CONTROLS	1E-0529	SV12050	HELB	NO	INVERTER BRA 109	NO	DC-AUX	
2	SOLIDSTATE CONTROLS	1E-0544	SV12050	HELB	NO	INVERTER BRB109	NO	DC-AUX	APD

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

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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-0529	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: INVERTER BRA 109	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: 20KVA INVERTER	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: EMERGENCY POWER	RADIATION RADS	<1E5	N/A	119,171	N/A	N/A	NONE
LOCATION: TURB BLDG BATTERY RM A	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-0529
DC-AUX

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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-0544	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: INVERTER BRB109	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 BIBLIOGRAPY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
1	SORGEL ELECTRIC	1E-0540-A	75T3H	LOCA HELB	NO NO	TRANSFORMER BRA-106	NO	DC-AUX	APD
2	SORGEL ELECTRIC	1E-0540-B	75T3H	LOCA HELB	NO NO	TRANSFORMER BRB-106	NO	DC-AUX	APD

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

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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-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 BRA-106 MANUFACTURER: SORGEL 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: 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

11/16/82
SUBMITTAL 11/18/82

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 BRB-106 MANUFACTURER: SORGEL 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: 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 BIBLIOGRAPHY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM STUDY BY
1	SOSTMAN CO.	15061	11834B-1	LOCA HELB	YES (T,P,H,CS,R) YES (R)	RTD	YES	RC
2	SOSTMAN CO.	15062	11834B-1	LOCA HELB	YES (T,P,H,CS,R) YES (R)	RTD	YES	RC
3	SOSTMAN CO.	15066	11834B-1	LOCA HELB	YES (T,P,H,CS,R) YES (R)	RTD	YES	RC
4	SOSTMAN CO.	15067	11834B-1	LOCA HELB	YES (T,P,H,CS,R) YES (R)	RTD	YES	RC
5	SOSTMAN CO.	15071	11834B-1	LOCA HELB	YES (T,P,H,CS,R) YES (R)	RTD	YES	RC
6	SOSTMAN CO.	15072	11834B-1	LOCA HELB	YES (T,P,H,CS,R) YES (R)	RTD	YES	RC
7	SOSTMAN CO.	15076	11834B-1	LOCA HELB	YES (T,P,H,CS,R) YES (R)	RTD	YES	RC
8	SOSTMAN CO.	15077	11834B-1	LOCA HELB	YES (T,P,H,CS,R) YES (R)	RTD	YES	RC

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

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 TE-404A	TEMPERATURE DEG. F.	239 120 (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 76	TEST/ANALY ANALYSIS 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 (R)

NOTES:

15061
RC

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

DOCKET: 50-305

11/16/82
SUBMITTAL 11/18/82

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 TE-402A COMPONENT: RTD	TEMPERATURE DEG. F.	293 120 (HELB)	320 N/A	1 114	76 N/A	TYPE TEST N/A	NONE
MANUFACTURER: SOSTMAN CO.	PRESSURE PSIA	60.7 13.7-15.7 HELB	80.7 N/A	2,3 114	76 N/A	TYPE TEST N/A	NONE
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 76	TEST/ANALY ANALYSIS 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 (R)

NOTES:

15062
RC

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 15066 TE-404A	TEMPERATURE DEG. F.	293 120 (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 76	TEST/ANALY ANALYSIS 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:

15066
RC

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 15067 TE-402B	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 76	TEST/ANALY ANALYSIS 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

11/16/82
SUBMITTAL 11/18/82

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 TE-403A COMPONENT: RTD	TEMPERATURE DEG. F.	293 120 (HELB)	320 N/A	1 114	76 N/A	TYPE TEST N/A	NONE
	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 % 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 76	TEST/ANALY ANALYSIS 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,R)
HELB YES (R)

NOTES:

15071
RC

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 15072 TE-401A COMPONENT: RTD	TEMPERATURE DEG. F.	293 120 (HELB)	320 N/A	1 114	76 N/A	TYPE TEST N/A	NONE
	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, HELB	1E8 GAMMA >2E6 BETA 1E8 GAMMA	2,6,7,8 2,6,7,8,115	76 101 76	TEST/ANALY ANALYSIS 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 BIBLIOGRAPY

HARSH:

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

NOTES:

15072
RC

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 TE-403B	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 % 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 76	TEST/ANALY ANALYSIS TEST/ANALY	NONE
LOCATION: GRID 34/51/618 RX BLDG	AGING	40 YEARS	40 YEARS	8	120	ANALYSIS	NONE
FLOOD LEVEL ELEV: 609' (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:

15076
RC

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 15077 TE-401B	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 76	TEST/ANALY ANALYSIS 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

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
1	SQUARE D	CCRAX-1-A	TYPE CO-2D	LOCA	NO	D/G 1A	NO	ASP	APD
2	SQUARE D	CCRAX-2-A	TYPE CO-2D	LOCA	NO	D/G 1B	NO	ASP	APD
3	SQUARE D	1E-0633	#4	LOCA	NO	480V MCC 1-52B (EXTENSION)	NO	480V	APD
4	SQUARE D	1E-0634	#4	LOCA	NO	480V MCC 1-62B (EXTENSION)	NO	480V	
5	SQUARE D	1E-0635	#4	LOCA	NO	480V MCC 1-62H (EXT. OF MCC 1-62E)	NO	480V	APD
6	SQUARE D	1E-0662	4	LOCA HELB	NO NO	480V MCC 1-62J	NO	480V	

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

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 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 ANNONCIATION	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

11/16/82
SUBMITTAL 11/18/82

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-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

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

449100606
ASP

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 1-52B (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	40 YEARS	10 YEARS, NOTE A	8	165	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) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	165	TEST/ANALY	NONE
PLANT ID NO: 1E-0634	TEMPERATURE DEG. F.	60-120	122	37,39	165	TEST/ANALY	NONE
COMPONENT: 480V MCC 1-62B (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	165	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 EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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-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	40 YEARS	10 YEARS, NOTE A	8	165	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 EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 1 YEAR	N/A N/A	35 35	N/A N/A	N/A N/A	NONE
PLANT ID NO: 1E-0662	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 1-62J	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: SQUARE D							
MODEL NUMBER: 4	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	<1E4 <1E4 (HELB)	N/A N/A	41 41	N/A N/A	N/A N/A	NONE
LOCATION: GRID G.3/6.2/642 AUX BLDG SV ZONE	AGING	NOTE A	10 YEARS	NOTE A	165	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 NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM STUDY BY
1	TRANE	1-315		LOCA	NO	MOTOR	NO	CRM-HVAC APD
2	TRANE	1-316		LOCA HELB	NO NO	MOTOR	NO	CRM-HVAC APD

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

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
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 DOMP 1A & CRKCS 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.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

DOCKET: 50-305

11/16/82
SUBMITTAL 11/18/82

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 COMPONENT: MOTOR	TEMPERATURE DEG. F.	70-85 70-85 (HELB)	N/A N/A	40 40	N/A N/A	N/A N/A	NONE
	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 & CRKCS 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	119 119,171	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.

1-316
CBM-HVAC

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
1	US ELECTRIC	1-164	213T	LOCA	NO	MOTOR	NC	ABV	
2	US ELECTRIC	1-183	213T	LOCA	NO	MOTOR	NO	ABV	
3	US ELECTRIC	1-317	256T	LOCA	NO	MOTOR	NO	CRM-HVAC	APD
4	US ELECTRIC	1-318	256T	LOCA HELB	NO NO	MOTOR	NO	CRM-HVAC	APD

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

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:

1-164
ABV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	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: 213T	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: BASEMENT 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 BIBLIOGRAPY

HARSH:

LOCA NO

NOTES:

1-183
ABV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 256T	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.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 1-318	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	119 119,171	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

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM STUDY BY
1	VALCOR	33092	V52630-5292-17	LOCA	YES (T,P,H,CS,R)	SOLENOID VALVE	YES	PS
2	VALCOR	33327	V52630-5292-17	LOCA	YES (R)	SOLENOID VALVE	NO	PS

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

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	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 @ 120F	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,R)

NOTES:

33092
PS

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	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 BIBLIOGRAPY

HARSH:
LOCA YES (R)

NOTES:

33327
PS

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
1	WESTERN ENGINE	D/G-1A		LOCA	NO	DIESEL GENERATOR	NO	DG-MECH	APD
2	WESTERN ENGINE	D/G-1B		LOCA	NO	DIESEL GENERATOR	NO	DG-MECH	APD
3	WESTERN ENGINE	1E-0480	BUILT PER SPEC	HELB	NO	CONTROL CABINET	NO	DG-MECH	APD
4	WESTERN ENGINE	1E-0490	BUILT PER SPEC	HELB	NO	CONTROL CABINET	NO	DG-MECH	APD

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

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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

11/16/82
SUBMITTAL 11/18/82

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: 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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 CAB 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

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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-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 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.

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
1	WESTINGHOUSE	1-020	5809-H	LOCA HELB	YES(R) NO	MOTOR	NO	SI	
2	WESTINGHOUSE	1-021	504-US	LOCA	NO	MOTOR	NO	CC	APD
3	WESTINGHOUSE	1-025	ABDP	LOCA	YES (R)	MOTOR	NO	RHR	
4	WESTINGHOUSE	1-027	5809-H	LOCA HELB	YES (R) NO	MOTOR	NO	SI	
5	WESTINGHOUSE	1-028	504-US	LOCA	NO	MOTOR	NO	CC	APD
6	WESTINGHOUSE	1-032	ABDP	LOCA	YES (R)	MOTOR	NO	RHR	
7	WESTINGHOUSE	1-036	218A	LOCA HELB	NO NO	PUMP MOTOR PMP MOTOR	NO	AFW	APD
8	WESTINGHOUSE	1E-0220	BUILT PER SPEC	LOCA	NO	RELAY PANEL	NO	RRM	APD
9	WESTINGHOUSE	1E-0221	BUILT PER SPEC	LOCA	NO	RELAY PANEL	NO	RRM	APD
10	WESTINGHOUSE	1E-0222	BUILT PER SPEC	LOCA	NO	RELAY PANEL	NO	RRM	APD
11	WESTINGHOUSE	1E-0223	BUILT PER SPEC	LOCA	NO	RELAY PANEL	NO	RRM	APD
12	WESTINGHOUSE	1E-0224	BUILT PER SPEC	LOCA	NO	RELAY PANEL	NO	RRM	APD
13	WESTINGHOUSE	1E-0225	BUILT PER SPEC	LOCA	NO	RELAY PANEL	NO	RRM	APD
14	WESTINGHOUSE	1E-0226	BUILT PER SPEC	LOCA	NO	RELAY PANEL	NO	RRM	APD
15	WESTINGHOUSE	1E-0227	BUILT PER SPEC	LOCA	NO	RELAY PANEL	NO	RRM	APD
16	WESTINGHOUSE	1E-0228	BUILT PER SPEC	LOCA	NO	RELAY PANEL	NO	RRM	APD
17	WESTINGHOUSE	1E-0229	BUILT PER SPEC	LOCA	NO	RELAY PANEL	NO	RRM	APD
18	WESTINGHOUSE	1E-0230	BUILT PER SPEC	LOCA	NO	RELAY PANEL	NO	RRM	APD
19	WESTINGHOUSE	1E-0231	BUILT PER SPEC	LOCA	NO	RELAY PANEL	NO	RRM	APD
20	WESTINGHOUSE	1E-0232	BUILT PER SPEC	LOCA	NO	RELAY PANEL	NO	RRM	APD

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

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
21	WESTINGHOUSE	1E-0233	BUILT PER SPEC	LOCA	NO	RELAY PANEL	NO	RRM	APD
22	WESTINGHOUSE	1E-0526-A	BUILT PER SPEC	LOCA HELB	NO NO	INVERTERS (2) BRA-111 & BRA-112	NO	DC-AUX	APD
23	WESTINGHOUSE	1E-0526-B	BUILT PER SPEC	LOCA HELB	NO NO	INVERTERS (2) BRB-111 & BRB-112	NO	DC-AUX	APD
24	WESTINGHOUSE	1E-0534-A	BUILT PER SPEC	LOCA HELB	NO NO	INST BUS CABINET BRA-113	NO	DC-AUX	APD
25	WESTINGHOUSE	1E-0535-B	BUILT PER SPEC	LOCA HELB	NO NO	INST BUS CABINET BRB-113	NO	DC-AUX	APD
26	WESTINGHOUSE	1E-0536-B	BUILT PER SPEC	LOCA HELB	NO NO	INST BUS CABINET BRB-114	NO	DC-AUX	APD
27	WESTINGHOUSE	1E-0537-A	BUILT PER SPEC	LOCA HELB	NO NO	INST BUS CABINET BRA-114	NO	DC-AUX	APD
28	WESTINGHOUSE	19432	OT2S01	LOCA	NO	CONTROL SWITCH FOR 1-201	NO	TBV	APD
29	WESTINGHOUSE	19433	OT2	LOCA	NO	CONTROL SWITCH	NO	TBV	APD
30	WESTINGHOUSE	19434	OT2	LOCA	NO	CONTROL SWITCH	NO	TBV	APD
31	WESTINGHOUSE	19435	OT2	LOCA	NO	CONTROL SWITCH	NO	TBV	APD
32	WESTINGHOUSE	19436	OT2	LOCA	NO	CONTROL SWITCH	NO	TBV	APD
33	WESTINGHOUSE	19437	OT2	LOCA	NO	CONTROL SWITCH	NO	TBV	APD
34	WESTINGHOUSE	19474	OT2B1M	HELB	NO	PUSH BUTTON	NO	AFW	APD
35	WESTINGHOUSE	19526	OT2	LOCA	NO	CONTROL SWITCH	NO	ABV	APD
36	WESTINGHOUSE	19527	OT2	LOCA	NO	CONTROL SWITCH	NO	ABV	APD
37	WESTINGHOUSE	19528	OT2T	LOCA	NO	CONTROL SWITCH	NO	ABV	APD
38	WESTINGHOUSE	19529	OT2	LOCA	NO	CONTROL SWITCH	NO	ABV	APD

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

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
39	WESTINGHOUSE	19565	OT2	LOCA	NO	CONTROL SWITCH	NO	TBV	APD
40	WESTINGHOUSE	19566	OT2	LOCA	NO	CONTROL SWITCH	NO	TBV	APD
41	WESTINGHOUSE	41000	VX-252/HX-252	LOCA	NO	INDICATORS	NO	CRM	APD
42	WESTINGHOUSE	46000	OT2/W-2	LOCA	NO	CONTROL SWITCHES SELECTOR SWITCHES	NO	CRM	APD
43	WESTINGHOUSE	46322	OT2	LOCA	NO	CONTROL SWITCH	NO	EP	APD
44	WESTINGHOUSE	46323	OT2	LOCA	NO	CONTROL SWITCH	NO	EP	APD

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

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	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 A	119 119	127 N/A	N/A	NONE
LOCATION: GRID H.2/5.7/586 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 BIBLIOGRAPY

HARSH:
LOCA YES(R)
HELB NO

NOTES:

1-020
SI

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 1-021	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

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT SPECIFICATION	ENVIRONMENT QUALIFICATION	DOCUMENTATION REP. * SPEC.	DOCUMENTATION REP. * QUALIF.	QUAL. METHOD	OUTSTANDING ITEMS
SYSTEM: RESIDUAL HEAT REMOVAL PLANT ID NO: 1-025 COMPONENT: MOTOR MANUFACTURER: WESTINGHOUSE MODEL NUMBER: ABDP FUNCTION: RHR PUMP 1A SERVICE: PUMP MOTOR LOCATION: GRID J.5/6.5/586 AUX BLDG	OPERATIONAL TIME	1 YEAR	1 YEAR	41	131	TYPE TEST/ ANALYSIS	NONE
	TEMPERATURE DEG. F.	60-104	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	2E8	41	131	SEP. TEST	NONE
	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

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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	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 1B	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	119 112,119,171	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 BIBLIOGRAPY

HARSH:
LOCA YES (R)
HELB NO

NOTES:

1-027
SI

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL.	OUTSTANDING
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.	METHOD	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

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 1-032	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

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 1-036	TEMPERATURE DEG. F.	60-104 60-104 (HELB)	N/A N/A	44 44,171	N/A N/A	N/A N/A	NONE
COMPONENT: PUMP MOTOR PMP MOTOR MANUFACTURER: WESTINGHOUSE	PRESSURE PSIA	13.7-15.7 13.7-15.7 HELB	N/A N/A	44 44,171	N/A N/A	N/A N/A	NONE
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 PMP 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	119,171 119,171	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 BIBLIOGRAPY

HARSH:

LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

1-036
AFW

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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-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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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-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 BIBLIOGRAPY

HARSH:

LOCA NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

1E-0221
RRM

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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-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: RR123 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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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-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: RR124 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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 PLANT ID NO: 1E-0224 COMPONENT: RELAY PANEL MANUFACTURER: WESTINGHOUSE MODEL NUMBER: BUILT PER SPEC FUNCTION: RR125 REACTOR PROTECTION TRAIN B ACTUATION & CONTROL SERVICE: ENGINEERED SAFEGUARD & REACTOR PROTECTION LOCATION: RELAY ROOM FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	OPERATIONAL TIME	1 YEAR	N/A	41	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
	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

11/16/82
SUBMITTAL 11/18/82

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-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.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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-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: RR127 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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
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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-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: RR129 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

11/16/82
SUBMITTAL 11/18/82

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 PLANT ID NO: 1E-0229 COMPONENT: RELAY PANEL MANUFACTURER: WESTINGHOUSE MODEL NUMBER: BUILT PER SPEC FUNCTION: RR130 REACTOR PROTECTION TRAIN A ACTUATION & CONTROL SERVICE: ENGINEERED SAFEGUARD & REACTOR PROTECTION LOCATION: RELAY ROOM FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	OPERATIONAL TIME	1 YEAR	N/A	41	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
	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

11/16/82
SUBMITTAL 11/18/82

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-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.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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-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.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 PLANT ID NO: 1E-0232 COMPONENT: RELAY PANEL MANUFACTURER: WESTINGHOUSE MODEL NUMBER: BUILT PER SPEC FUNCTION: RR133 REACTOR PROTECTION TRAIN A ACTUATION & CONTROL SERVICE: ENGINEERED SAFEGUARD & REACTOR PROTECTION LOCATION: RELAY ROOM FLOOD LEVEL ELEV: N/A ABOVE FLOOD LEVEL: N/A	OPERATIONAL TIME	1 YEAR	N/A	41	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
	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

11/16/82
SUBMITTAL 11/18/82

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: ER134 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.

1E-0233
RRM

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
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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-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 BIBLIOGRAPY

HARSH:
LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

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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-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 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 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 BIBLIOGRAPY

HARSH:
LOCA NO
HELB NO

NOTES:

A) SEE AGING PROGRAM DESCRIPTION.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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 BRA-113 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 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.

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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-0535-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-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

11/16/82
SUBMITTAL 11/18/82

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 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 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 BIBLIOGRAPY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1E-0536-B
DC-AUX

UNIT: KEWAUNEE

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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-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 BRA-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 BIBLIOGRAPHY

HARSH:
LOCA NO
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

1E-0537-A
DC-AUX

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 19432	TEMPERATURE DEG. F.	60-104	N/A	44	N/A	N/A	NONE
COMPONENT: CONTROL SWITCH FOR 1-201	PRESSURE PSIA	13.7-15.7	N/A	44	N/A	N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: OT2S01	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.2/8.6/586 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.

19432
TBV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 19433 COMPONENT: CONTROL SWITCH MANUFACTURER: WESTINGHOUSE MODEL NUMBER: OT2 FUNCTION: TB FAN COIL UNIT 1B ES (FOR 1-211) SERVICE: ON-OFF SWITCH LOCATION: GRID F.9/8.5/586 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	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
	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.

19433
TBV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 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: OT2	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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

19434
TBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: OT2	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: TURB BLDG D/G FAN 1B ES (FOR 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 BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

19435
TBV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 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: OT2	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: SCHREENHOUSE EXH FAN 1B (FOR 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
TBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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: OT2	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.

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	44,171	N/A	N/A	NONE
COMPONENT: PUSH BUTTON	PRESSURE PSIA	13.7-15.7	N/A	44,171	N/A	N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: OT2B1M	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: TURB DRIV AFW PMP AUX LUB OIL PMP PB	CHEMICAL SPRAY	N/A	N/A	N/A	N/A	N/A	NONE
SERVICE: ON-OFF SWITCH	RADIATION RADS	<1E5	N/A	119,171	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 BIBLIOGRAPY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

19474
AFW

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 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: OT2	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: ON-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

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	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 BIBLIOGRAPHY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

19527
ABV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL.	OUTSTANDING
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.	METHOD	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: OT2T	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: CN-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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

19528
ABV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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	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: OT2	RELATIVE HUMIDITY PCT	10-80%	N/A	37,38,43	N/A	N/A	NONE
FUNCTION: BASEMENT 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 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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

19529
ABV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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 ES (FOR 1-667)	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 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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

19565
TBV

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 19566 COMPONENT: CONTROL SWITCH MANUFACTURER: WESTINGHOUSE MODEL NUMBER: OT2 FUNCTION: BATTERY RM FAN COIL UNIT 1B START/STOP ES (FOR 1-668) SERVICE: ON-OFF SWITCH LOCATION: GRID F.6/8.4/600 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	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
	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.

19566
TBV

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

UNIT: KEWAUNEE

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL. METHOD	OUTSTANDING ITEMS
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.		
SYSTEM: CONTROL ROOM LOCATED EQUIPMENT	OPERATIONAL TIME	1 YEAR	N/A	35	N/A	N/A	NONE
PLANT ID NO: 41000	TEMPERATURE DEG. F.	70-85	N/A	40	N/A	N/A	NONE
COMPONENT: INDICATORS	PRESSURE PSIA	13.7-15.7	N/A	40	N/A	N/A	NONE
MANUFACTURER: WESTINGHOUSE							
MODEL NUMBER: VX-252/HX-252	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: INDICATION	RADIATION RADS	<1E5	N/A	41,119	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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

41000
CRM

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: OT2/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	41,119	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.

46000
CRM

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

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: 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: OT2	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 BIBLIOGRAPY

HARSH:
LOCA NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

46322
EP

SYSTEM COMPONENT EVALUATION WORKSHEET

UNIT: KEWAUNEE

11/16/82
SUBMITTAL 11/18/82

DOCKET: 50-305

EQUIPMENT DESCRIPTION	PARAMETERS	ENVIRONMENT		DOCUMENTATION REF. *		QUAL.	OUTSTANDING
		SPECIFICATION	QUALIFICATION	SPEC.	QUALIF.	METHOD	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

MASTER LIST

SORT BY MANUFACTURER

PAGE NUMBER	MANUFACTURER	PLANT ID. NUMBER	MODEL NUMBER	STUDY GROUP	HARSH	COMPONENT	INSIDE RX BLDG	SYSTEM	STUDY BY
1	WOODWARD GOVERNOR	COMS-103	PG	HELB	NO	GOVERNOR	NO	AFW	APD

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

SYSTEM COMPONENT EVALUATION WORKSHEET

11/16/82
SUBMITTAL 11/18/82

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: 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: PG	RELATIVE HUMIDITY PCT	10-80%	N/A	43,44	N/A	N/A	NONE
FUNCTION: CONTROL TD 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	119,171	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 BIBLIOGRAPY

HARSH:
HELB NO

NOTES:
A) SEE AGING PROGRAM DESCRIPTION.

MS-103
AFW

BIBLIOGRAPHY

ATTACHMENT TO APRIL 1, 1982 SUBMITTAL

1) Letter to E. R. 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. R. Mathews of WPSC from J. G. Keppler of the NRC, dated 1/16/80, enclosure 4 (IE Bulletin No.79-01B-DOR 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) BIW Bostrad Cables Report No. B901.

13) BIW Report No. B904, 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) PO K268 Book 5 KP-S-4641 letter dated 6/20/78.

26) PO K268 Book 5 ER 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) PO 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) FIRL 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) WPSC PO 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) PO 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) BIW Report 903A.

75) EQP-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) PO K-05555.

83) ITT Barton Product Catalog, Section 6.

84) EQP-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 R3-288A-1, October, 1979.

90) Barton Test Report RI-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) FIRL Report #F-C3125, September, 1971.

94) EDS Calculation File No. 0910-205-BIW-01.

95) EDS Calculation File No. 0910-205-Kerite.

96) FIRL 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 B0058 and Supplement.

101) Letter to C. A. Schrock of WPSC from D. P. Wheeler of FPS, dated 10/12/81.

102) Limitorque Nuclear Qualification Report B0003.

103) Foxboro Product Engineering Report #81-105.

104) Letter to C. A. Schrock of WPSC from L. J. Charmoli of Fluor Power Services, dated 10/29/81.

105) Letter to C. A. Schrock of WPSC from C. E. Agan of Fluor Power Services (KPS-6554), dated October 30, 1981.

106) Letter to L. W. Price of WPSC from B. Kidd of Limitorque Corporation, dated November 13, 1981.

107) Letter to P. T. Trondson of WPSC from D. E. Cole of PDS, 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. E. Agan of Fluor Power Service (KPS-6570), dated December 3, 1981.

111) Letter to C. A. Schrock of WPSC from C. E. Agan of Fluor Power Service (KPS-6579), dated December 11, 1981, plus HELB maps.

112) Letter to C. A. Schrock of WPSC from C. E. 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. E. 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.

123) Magnetrol Level Switches Chemical Spray Study.

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. NQRN-3.

127) WCAP 8754, Environmental Qualification of Class 1E Motors for Nuclear Out-of-Containment Use.

128) NUS 8606-M080-001 Environmental Qualification for Marathon Motors.

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130) NUS 8606-R165-001 Environmental Qualification for Reliance Motors.

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132) NUS 8606-C332-001 Environmental Qualification for Chromalox Fintubular 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. 09-6005 (Maximum Credible Accident [MCA] Test on Differential & Gauge Pressure Transmitters [SOAAF80]).

141) Foxboro Test Report No. T3-1068 (Radiation Test of E10 Series Differential Pressure Transmitters of the MCA/RRW Type [SOAAF88]).

142) Foxboro Test Report No. T2-1075 (Radiation Test of E10 Series Differential Pressure Transmitter of the Standard Construction Type [SOAAF84]).

143) Foxboro Test Report No. T3-1091 (Seismic Vibration Test of E10 Series Transmitters [SOAAF91]).

144) NUS 8606-U150-001 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-F, Plant ID #16695, 16696.

159) Letter to B. S. Brierley of WPSC from W. M. Brown of Automatic Switch Company, dated March 24, 1982.

160) Saturation Temperature Profile.

161) Schematic of Limit Switch #31233.

162) Schematic of Limit Switch #34039.

163) Schematic of Limit Switch #34040.

164) KNPP LOCA Pressure/Temperature Profile.

165) Square D Environmental Qualification Report No. 108-1.02-L14 for MCC 1-52B, 1-62B and 1-62H.

166) Namco Model D2400X Limit Switch Aging Calculation - 1.

167) Namco Model D2400X Limit Switch Aging Calculation - 2.

168) Limitorgue Valve Motor Class B Insulation Environmental Calculation.

169) Reliance RHR Fan Coil Motor Qualification Report NUC-9.

170) Letter to Ben S. Brierley, WPSC, from Brian Kidd, Limitorque Corporation, dated 8/25/82.

171) Letter to J. G. Thorgersen of WPSC from J. J. Lula of Fluor Power Service (KSP-6689), dated 6/11/82, plus HELB maps.

172) Qualification of Chevron SRI-2 Grease.

173) Qualification Report QTR 111 for Namco Controls Limit Switches EA-740.

174) Reliance Motor Qualified Life Calculation.

175) Qualification Report QTR 105 for Namco Controls Limit Switches EA-180.

176) Letter to Wisconsin Public Service Corporation from Bob Bolt, Chevron Research Company, dated 6/29/82.

177) Letter to Wisconsin Public Service Corporation from T. G. Surin , Surin-Westerman Ltd., dated 9/15/80.

178) Qualification Report for General Electric CR120B Relays.

179) Radiation Readings in High Rad Sample Room.

180) Qualification Report AQR-67368/Rev. 0 for ASCO (Catalog NP-1) Solenoid Valves.

181) AMP Qualification Test Report 100-11004.

182) Environmental Qualification - Terminal Boxes.

183) Letter to Wisconsin Public Service Corporation from F. Lin, Fluor Power Services, Inc., dated 8/24/82.

184) Magnetrol B730 Level Switches Operational Time Analysis.

185) Rockbestos Qualification of Firewall III Class 1E Electric Cables.

186) Engineering Analysis of ASCO Solenoid Valves - 1.

187) Engineering Analysis of ASCO Solenoid Valves - 2.

188) Engineering Analysis of Johnson Solenoid Valves - 1.

189) Engineering Analysis of ASCO Solenoid Valves - 3.

190) Engineering Analysis of ASCO Solenoid Valves - 4.

191) Engineering Analysis of ASCO Solenoid Valves - 5.

192) Engineering Analysis of ASCO Solenoid Valves - 6.

193) Engineering Analysis of ASCO Solenoid Valves - 7.

194) Engineering Analysis of ASCO Solenoid Valves - 8.

195) ASCO Model LB8300B61RU and LB8300C58RU Solenoid Valves Operational Time Analysis.

196) Qualification Test Report for Rosemount Pressure Transmitters Model 1153 Series A RMT Report No. 3788.

197) Letter to John Thorgersen of WPSC from F. H. Lin of Fluor Power Services (KPS-6878), dated 10/20/82.

198) Letter to C. A. Schrock of WPSC from D. F. Wheeler of Fluor Power Services (KSP-6596), dated 1/18/82.

199) Letter to J. G. Thorgersen of WPSC from P. Afshar of Fluor Power Services (KSP-6680), dated 6/3/82.

200) Thermal Aging Calculations of Brand Rex Instrument Cable.

201) Target Rock Corp. IEEE Qual. Report No. 2375 for Solenoid Valves.

202) Safety Injection Valve Engineering Analysis.

203) Steam Generator Blowdown Isolation Valve Analysis.

204) Operational Analysis CCW Supply to RCP's.

205) Kerite Splice Qualification Reports.

206) Qualification of Okonite Cable.