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June 6, 1991

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ULNRC-2419

Gentlemen:

DOCKET NUMBER 50-483
CALLAWAY PLANT
10CFR50.59 ANNUAL REPORT SUMMARIES
UNION ELECTRIC APPROVED WRITTEN SAFETY EVALUATIONS

Reference: ULNRC-2227, dated June 12, 1990

In accordance with 10CFR50.59, this letter transmits a report which summarizes written safety evaluations of changes approved and implemented for Callaway Plant since those reported in the referenced submittal and through March 30, 1991.

The report format is presented as follows:

- o Report item number
- o Safety evaluation ID number
- o Title and descriptive text which summarizes the safety evaluation.

All items reported herein were determined to not involve an unreviewed safety question. Attachment 1 provides a key to the sources of the changes which are provided in this report.

If there are any questions, please contact us.

Very truly yours,

A handwritten signature in cursive script that reads "Donald F. Schnell".

Donald F. Schnell

DJW/lea
Attachment

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REFERENCE KEY

Reference

CMP #	Callaway Modification Package (Design Change)
EMP #	Exempt Modification Package (Design Change)
RMP #	Restricted Modification Package (Design Change)
CN #, SP	FSAR Change, Standard Plant
CN #, SA	FSAR Change, Site Addendum
OL #	Technical Specification Change
ESP #	Engineering Surveillance Procedures
ETP #	Engineering Technical Procedures
CTP #	Chemistry Technical Procedures
OSP #	Operations Surveillance Procedures
OTN #	Normal Operating Procedure
OTS #	Special Operation Procedures
RTS #	Special Operating Procedure (Radwaste)
RFR #	Request for Resolution

Note: FSAR and Technical Specification changes are also reported under 10CFR50.71 and 10CFR50.90 as applicable.

10CFR50.59 ANNUAL REPORT SUMMARIES
OF UNION ELECTRIC APPROVED
WRITTEN SAFETY EVALUATIONS

REPORT
ITEM
1

SAFETY EVALUATION
ID
NO-84-0108

CMP 84-05-06 ADDED CAMERA TO THE HEALTH PHYSICS ACT 55 AREA

THE ADDITION OF THE CAMERA EQUIPMENT TO THE HP ACT 55 AREA ALLOWS TIGHTER CONTROL OF POTENTIALLY CONTAMINATED PERSONNEL.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT
ITEM
2

SAFETY EVALUATION
ID
NE-90-0032

EMP 88-3005 PROVIDED FIRE ALARM ANNUNCIATION AT THE GUARD HOUSE

EMP 88-3005 PROVIDED A FIRE ALARM ANNUNCIATION AT THE GUARD HOUSE AS WELL AS PIPING UPGRADES FOR THE POTABLE WATER AND FIRE PROTECTION PIPELINES TO THE STORES NO.2 FACILITY. THE UPGRADES AND THE FIRE ALARM ANNUNCIATION ENHANCE SYSTEM OPERATIONS AND ALLOW QUICK RESPONSE IN THE EVENT OF FIRE. FSAR FIG 9.5-1 WAS REVISED.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT
ITEM
3

SAFETY EVALUATION
ID
NE-88-0095

RFR NO.4340 CONTAINMENT SPRAY TIME DELAY RELAY SETPOINTS

RFR NO.4340 CONTAINMENT SPRAY TIME DELAY RELAY SETPOINT TOLERANCES FOR RELAYS 62TDEEN1 AND 62TDEEN2 WERE CALCULATED. NEGATIVE TOLERANCE DOES NOT INTERFERE WITH DAMPING TIME OF LOCA SEQUENCER. POSITIVE TOLERANCE EFFECTS ON LOCA ANALYSES ARE ENVELOPED BY PREVIOUSLY ANALYZED ACCIDENT. SETPOINT TOLERANCES DO NOT IMPACT RESPONSE TIMES LISTED IN TECHNICAL SPECIFICATIONS.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

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10CFR50.59 ANNUAL REPORT SUMMARIES
OF UNION ELECTRIC APPROVED
WRITTEN SAFETY EVALUATIONS

REPORT
ITEM
4

SAFETY EVALUATION
ID
NE-89-0106

RFR NO.5666 REVISED FSAR FIG 9.4-1 FOR AS-BUILT DATA IN CONDEN. DEMIN.SYS

RFR NO.5666 REVISED THE FSAR FIG 9.4-1 TO INCLUDE AS-BUILT DATA FOR CONDENSATE DEMINERALIZER SYSTEM FIGURES. THE CHANGES INVOLVED DOCUMENTATION ONLY AND DID NOT ADVERSELY IMPACT PLANT SAFETY.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

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REPORT
ITEM
5

SAFETY EVALUATION
ID
NE-89-0093

RFR NO.5198 REVISED FSAR FIG 9.3-1 FOR AS-BUILT DATA FOR THE COMPRESS.AIR.SYS

RFR NO.5198 REVISED FSAR FIG 9.3-1 TO INCLUDE AS-BUILT DATA TO THE COMPRESSED AIR SYSTEM DRAWING. THE CHANGE INVOLVED DOCUMENTATION ONLY AND DID NOT IMPACT PLANT SAFETY.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

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10CFR50.59 ANNUAL REPORT SUMMARIES
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WRITTEN SAFETY EVALUATIONS

REPORT SAFETY EVALUATION
ITEM ID
6 LF-88-0079

OL 1079 TS CYCLE 4 REQUESTED TS AMENDMENT TO INCORPORATE CYCLE 4 RELOAD

OL 1079 TS CYCLE 4 REQUESTED AN AMENDMENT TO THE TECH SPECS FOR THE CYCLE 4 RELOAD. CYCLE 4 RELOAD INCORPORATED 88 NEW VANTAGE 5 FUEL ASSEMBLIES; INCREASED ENTHALPY AND HOT CHANNEL PEAKING FACTORS; INCREASED RWST AND ACCUMULATOR BORON CONCENTRATIONS ASSOCIATED WITH A POSITIVE MODERATOR TEMPERATURE COEFFICIENT; INCREASED SODIUM HYDROXIDE CONCENTRATION IN THE SPRAY ADDITIVE TANK; AXIAL BLANKETS; DEBRIS-FILTER BOTTOM NOZZLES; ENHANCED PERFORMANCE ROD CLUSTER CONTROL ASSEMBLIES; AND REALLOCATION OF GENERIC DNBR MARGIN. SAFETY EVALUATIONS PERFORMED DEMONSTRATE THAT PLANT SAFETY REMAINS UNALTERED BY THE VARIOUS CHANGES.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT SAFETY EVALUATION
ITEM ID
7 NE-85-0086

OL 1024 REVISED TECH SPEC 3/4.6.1.6 ON CONTAINMENT VESSEL STRUCTURAL INTEGRITY

OL 1024 REVISED TECH SPEC SECTION 3/4.6.1.6 ON CONTAINMENT VESSEL STRUCTURAL INTEGRITY. REVISIONS PROVIDE PROMPT ATTENTION AND CORRECTIVE ACTIONS TO ASSURE ACCEPTABLE DESIGN MARGINS WHILE ELIMINATING NEED TO SHUTDOWN PLANT OR MAINTAIN PLANT SHUTDOWN WHEN A NONCONFORMING PARAMETER IS SHOWN BY ENGINEERING EVALUATION NOT TO DEGRADE PLANT INTEGRITY. CHANGE ALSO REQUIRES VISUAL INSPECTION TO VERIFY NO WIDESPREAD GREASE LEAKAGE WITHOUT USING 5% VOIDS CRITERIA IN TENDON SHEATH FILLER GREASE.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

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10CFR50.59 ANNUAL REPORT SUMMARIES
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REPORT SAFETY EVALUATION
ITEM ID
8 NE-86-0056

OL 1039 TRANSMITTED THE STEAM GENERATOR TUBE RUPTURE ANALYSIS PER LICENSE COND.

OL 1039 TRANSMITTED NEW TECH SPECS ON MAIN STEAM LINE ATMOSPHERIC RELIEF VALVES (ARV) RESULTING FROM THE SGTR ANALYSIS. THIS CHANGE INVOLVED ADDING NEW ARV TECHNICAL SPECIFICATION LIMITING CONDITIONS OF OPERATION AND SURVEILLANCE REQUIREMENTS TO GOVERN THE OPERABILITY OF EXISTING EQUIPMENT. THE CHANGES DO NOT ADVERSELY IMPACT PLANT SAFETY. THE NRC APPROVED THIS CHANGE IN LICENSE AMENDMENT NO-45.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT SAFETY EVALUATION
ITEM ID
9 NE-89-0085

CHP 88-1061 REPLACED VENT AND DRAIN PIPING FOR SAFETY-RELATED ROOM COOLERS

CHP 88-1061 REPLACED VENT AND DRAIN PIPING FOR SAFETY-RELATED ROOM COOLERS. THE ORIGINAL PIPING WAS DAMAGED BY GALVANIC CORROSION. THE SUBJECT ROOM COOLERS PROVIDE ENVIRONMENTAL CONTROL OF THEIR ADJACENT SURROUNDINGS. THE REPLACEMENT COPPER AND STAINLESS STEEL MATERIALS (UNLIKE THE ORIGINAL CARBON STEEL) ARE CLOSE IN GALVANIC PROPERTIES TO THE COOLING COILS THEREBY ELIMINATING FAILURES FROM GALVANIC CORROSION. THE REPLACEMENT TUBING PROVIDES APPROXIMATELY THE SAME FLOW AREA AS THE ORIGINAL PIPE. FSAR FIG 9.4.2 AND 9.4.3 WERE REVISED.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

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REPORT
ITEM
10

SAFETY EVALUATION
ID
NE-88-0004

OL 1060 T6.4-2,6.5-1 TECH SPEC CHANGES TO EMERGENCY VENT.SYS. AND CONTROL ROOM

OL 1060 REVISES TECH SPEC TABLES 6.4-2 AND 6.5-1 TO INCREASE FLOW VARIATIONS OF THE CONTROL BLDG EMERGENCY VENTILATION SYS. FILTRATION AIR HANDLING UNITS, PRESSURIZATION AIR HANDLING UNITS, PRESSURIZATION FILTER UNITS, AND REDUCING THE CONTROL ROOM PRESSURIZATION REQUIREMENT FROM 1/4 INCH TO 1/8 INCH WATER GAUGE. THE REVISIONS ALLEVIATE DIFFICULTIES CAUSED BY CHANGES IN FILTER LOADING AS PARTICULATES ACCUMULATE OVER TIME. TECH SPEC REQUIRES SURVEILLANCE OF THESE SYSTEMS PERIODICALLY TO DEMONSTRATE SPECIFIC PERFORMANCE CRITERIA. DUE TO THE FILTER LOADING CHANGES THE FLOW TOLERANCES ARE DIFFICULT TO MEASURE AND MAINTAIN. DOSE CALCULATIONS WERE PERFORMED AND DEMONSTRATE THAT WITH THE REVISIONS AND WORST CASE CONDITIONS, CONTROL ROOM DOSES REMAIN BOUNDED BY FSAR ANALYSES, AND A HAZARDOUS CONTROL ROOM ENVIRONMENT IS NOT CREATED.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT
ITEM
11

SAFETY EVALUATION
ID
NE-89-0010

RFR NO.3235 EVALUATED A LINE-UP FOR SELECT VALVES ON THE FUEL POOL CLEAN,COOL S

RFR NO.3235 EVALUATED A LINE-UP BY REPOSITIONING SELECTED VALVES(BNV0002, BNHCV8800A,B AND ECV0025,ECV0073) ON THE FUEL POOL COOLING AND CLEAN-UP SYSTEM. THIS LINE-UP ALLOWS OPERATION OF THE FUEL POOL COOLING PUMPS TO RECIRCULATE THE SPENT FUEL POOL ONLY AND ALLOWS FUEL POOL CLEAN-UP SYSTEM TO RECIRCULATE THE REFUELING WATER STORAGE TANK (RWST). UNDER THE NEW LINE-UP THE FUEL POOL CLEAN-UP SYSTEM WILL MEET ALL REQUIREMENTS; THE VALVES WILL CONTINUE TO MEET THEIR SAFETY FUNCTIONS.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION

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10CFR50.59 ANNUAL REPORT SUMMARIES
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REPORT	SAFETY EVALUATION
ITEM	ID
12	NE-90-0079

RFR NO.5223 REMOVAL OF PRESSURE INDICATORS ON COLD LAB PANEL RM-172

RFR NO.5223 REMOVES AND CAPS OFF COLD LAB PANEL RM-172 PROCESS PRESSURE INDICATORS. CHEMISTRY DEPT. HAS STATED THAT THE SAMPLE LINE FLOW IS MONITORED ON THE RESPECTIVE LINE FLOWMETERS, AND THAT THE PRESSURE GAUGES ARE NOT NECESSARY FOR THE COLD LAB PANEL OPERATION. ALL INSTRUMENTS ARE NON-SAFETY CLASSED. THUS, THERE IS NO IMPACT ON ACCIDENTS OR MALFUNCTIONS PREVIOUSLY EVALUATED IN FSAR, AND DOES NOT REDUCE TECH SPEC SAFETY MARGIN.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

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REPORT	SAFETY EVALUATION
ITEM	ID
13	NE-90-0088

RFR NO.7243 SPENT FUEL POOL DECAY HEAT LOADS

RFR NO.7243 RESPONSE TO RFR PROVIDED INPUT FOR INCORPORATING LIMITING VALVES FOR SPENT FUEL POOL DECAY HEAT LOADS INTO THE FSAR. NO CHANGE TO THE DESIGN OR OPERATION OF ANY COMPONENT OR SYSTEM IS MADE.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

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REPORT SAFETY EVALUATION
ITEM ID
14 NE-90-0112

RFR NO.7416 LOW FEEDWATER HYDRAZINE ALARM

RFR NO.7416 LOW FEEDWATER HYDRAZINE ALARM IS RELOCATED TO RECORDER RMAR0004 AND ALARM SETPOINT IS RAISED FROM 20 PPB TO 25 PPB. OUTPUT OF HYDRAZINE MONITOR WAS PREVIOUSLY CHANGED, BUT ALARM WAS NOT. RELOCATION WILL RESTORE ALARM TO FUNCTIONAL CONFIGURATION. ALARM IS NEEDED TO ASSURE HYDRAZINE MAINTAINED WITHIN CDP-ZZ-0200 LIMITS. NONE OF THE COMPONENTS ASSOCIATED WITH THIS MODIFICATION IS SAFETY RELATED. THERE ARE NO SAFETY DESIGN BASES FOR HYDRAZINE MONITOR. POWER GENERATION DESIGN BASIS THREE IS NOT ADVERSELY AFFECTED. NEW SETPOINT IS MORE CONSERVATIVE THAN EXISTING SETPOINT.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

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REPORT SAFETY EVALUATION
ITEM ID
15 NE-90-0114

RFR NO.6609 REVISE MEL AND SPEC SHEET TO REQUIRE REPLACEMENT PROCUREMENT SPEC

RFR NO.6609 REVISE MEL AND INSTRUMENT SPEC SHEET TO REQUIRE REPLACEMENTS FOR INSTRUMENTS BGPIS0140, BGPIS0141, AND BGPDI0175 BE PROCURED PER SPEC J-1061 (Q). SPEC J-1061(Q) REQUIRES INSTRUMENTS BE SAFETY RELATED AND SEISMICALLY QUALIFIED. THIS RFR REFLECTS NO CHANGE IN EQUIPMENT HARDWARE. CHANGE SIMPLY REFERENCES THE SPECIFICATION WHICH PROVIDES QUALIFICATION REQUIREMENTS THAT REFLECT EXISTING CALLAWAY COMMITMENTS. FSAR TABLE 3.11(B)-3 REVISED

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

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REPORT
ITEM
16

SAFETY EVALUATION
ID
LF-89-0080

OL 1090 TS 4.0.2 REVISED TECH SPECS TO REMOVE 3.25 LIMIT FOR SURVEILLANCES

OL 1090 TS 4.0.2 REVISED TECH SPECS TO REMOVE 3.25 LIMIT FOR SURVEILLANCES. AS SUPPORTED BY NRC GENERIC LETTER 89-14, REMOVING THIS LIMIT ON THE SURVEILLANCE REQUIREMENT MERELY REMOVES AN UNNECESSARY RESTRICTION AND RESULTS IN A BENEFIT TO PLANT SAFETY WHEN CONDITIONS ARE NOT CONDUCTIVE TO THE SAFE CONDUCT OF SURVEILLANCE REQUIREMENTS. THE NRC HAS APPROVED THIS CHANGE AS AMENDMENT 52 TO THE OPERATING LICENSE.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURRENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

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REPORT
ITEM
17

SAFETY EVALUATION
ID
LF-90-0052

CN 90-13 SA 9.5 REVISED FSAR FIRE PROTECTION SYSTEM

CN 90-13 SA 9.5 CLARIFIED COMMITMENTS TO HOSE HYDROSTATIC TESTING; ADDED RESPONSIBILITIES FOR THE SUPERVISING ENGINEER FIRE PROTECTION; REVISED THE DESCRIPTION OF QA VAULT IN THE SERVICE BUILDING; REVISED THE DESCRIPTION OF LOCKED VALVE PROTECTION WITHOUT ELECTRICAL SUPERVISION; REVISED DESCRIPTION OF WATER SUPPLY TO FIRE SUPPRESSION WATER STORAGE TANKS. THE FUNCTION OF HOSES PROTECTING SAFETY-RELATED EQUIPMENT IS NOT AFFECTED; RESPONSIBILITIES ARE SAME; SYSTEM IN NEW VAULT IS MORE EFFECTIVE THAN PREVIOUS HALON SYSTEM; PADLOCK IS MORE EFFECTIVE THAN TAMPER PROOF SEAL TO ENSURE VALVES REMAIN CORRECTLY POSITIONED; CHANGE IN WATER SUPPLY HAS NO IMPACT ON ACCIDENTS OR MALFUNCTIONS IN FSAR OR TECH SPEC MARGIN OF SAFETY.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURRENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

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REPORT SAFETY EVALUATION
ITEM ID
18 NE-90-0084

RFR NO.7794 EC SYSTEM VALVE POSITION CLARIFICATION

RFR NO.7794 EC SYSTEM VALVE POSITION CLARIFICATION. DWG M22EC01 REVISED TO SHOW ECV0128 NORMALLY LOCKED CLOSED CONSISTENT WITH PLANT PROCEDURES. NO SAFETY RELATED EQUIPMENT ADVERSELY AFFECTED. NO CHANGE TO PLANT RESULTS.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT SAFETY EVALUATION
ITEM ID
19 LF-89-0081

OL 1093 TS 5.3,5.6 REVISED TS IN SUPPORT OF CALLAWAY CYCLE 5

OL 1093 TS 5.3,5.6,AND 3/4.9.3 REVISED THE TECH SPECS TO INCREASE THE MAXIMUM INITIAL ENRICHMENT FOR FUEL STORAGE TO 4.45W/O U235; TO REFER TO FSAR SECTION 9.1A FOR REACTIVITY UNCERTAINTIES; AND TO ADD A REQUIREMENT THAT THE REFERENCE K-INFINITY FOR FUEL ASSEMBLIES BE LESS THAN OR EQUAL TO 1.455 AT 68F;AND FINALLY TO EXPANDED THE BASES SECTION TO DESCRIBE THE REQUIRED DECAY TIME AFTER SHUTDOWN AND PRIOR TO FUEL MOVEMENT. CRITICALITY REANALYSES AND THERMAL HYDRAULIC ANALYSES SUPPORT THE CHANGES AND THE FACT THAT THEY DO NOT ADVERSELY IMPACT PLANT SAFETY. THE NRC HAS APPROVED THE CHANGES AS AMENDMENT XX TO THE OPERATING LICENSE.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

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REPORT SAFETY EVALUATION
ITEM ID
20 LF-90-0060

CN 90-12 SA/SP CHAPTER 18 REVISIONS

CN 90-12 SA/SP 18 COMBINED STANDARD PLANT, SITE ADDENDUM CHAPTERS 18 INTO ONE DOCUMENT. THERE ARE NO CHANGES MADE WHICH HAVEN'T PREVIOUSLY BEEN REVIEWED AND (OUTSIDE THE FSAR) APPROVED BY EITHER NRC OR UE.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT SAFETY EVALUATION
ITEM ID
21 NE-90-0051

CTP-ZZ-04635, REV 3 CORROSION PRODUCT SAMPLER OPERATION

CTP-ZZ-04635, REV 3 REVISION CHANGED CONDITION TAG TO INFORMATION TAG, ADDED GUIDELINES FOR SAMPLING THE MSR DRAIN TANKS, ADDED STEP TO CUT FILTER SAMPLES INTO FOURTHS, ADDED RECOMMENDATION FOR DILUTING IN LINEAR RANGE, AND ADDED STEP FOR USING A BLANK. PLANT SAMPLING SYSTEM SERVES NO SAFETY FUNCTION AND HAS NO OTHER SAFETY DESIGN BASIS, EXCEPT FOR CONTAINMENT ISOLATION. PROCESS SAMPLING PORTION OF THIS SYSTEM HAS NO CONTAINMENT ISOLATION VALVES AS IT IS LOCATED ENTIRELY WITHIN TURBINE BUILDING, NOR DOES IT INTERACT WITH OR AFFECT ANY OTHER SAFETY-RELATED SYSTEM.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

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REPORT SAFETY EVALUATION
ITEM ID
22 NE-90-0117

CN 89-22 UPDATE FSAR SP TABLES 3.11(B)-1, -2, -3

CN 89-22 UPDATE FSAR SP TABLES 3.11(B)-1, -2, -3 ADDED ROOM NUMBERS TO EQUIPMENT IN GENERIC LISTS, UPDATES EQ CLASSIFICATION FOR EQUIPMENT IN THE GENERIC LISTS WHICH ARE IN ROOMS WHICH ARE MILD ENVIRONMENT POST ACCIDENT, CORRECTS EQUIPMENT NUMBERS TO AGREE WITH BECHTEL DWGS, EXPANDS LISTINGS FOR BB-T/C-XXXX TO SHOW ACTUAL EQUIPMENT NUMBERS, DELETES REFERENCES TO LIMIT SWITCHES WHICH ARE INTEGRAL PARTS OF OTHER EQUIPMENT, ADDS ROOM NUMBERS FOR ESW PUMP HOUSE AND UHS ELECTRICAL ROOM, CORRECT TYPOGRAPHICAL ERRORS AND MAKE EDITORIAL CHANGES. CHANGES ENHANCE TABLE USEFULNESS, PREVENT CONFUSION, ADD ADDITIONAL UNIFORMITY, REFLECT ACTUAL INSTALLATION INFORMATION PREVIOUSLY APPROVED, OR USE A MORE RESTRICTIVE CATEGORY CLASSIFICATION.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT SAFETY EVALUATION
ITEM ID
23 LF-90-0053

CN 90-26 SP 15.6.5 REVISED FSAR WESTINGHOUSE ECCS EVALUATION MODELS

CN 90-26 SP 15.6.5 REVISED FSAR WESTINGHOUSE ECCS EVALUATION MODELS YIELD HIGHER PFAK CLAD TEMPERATURES FOR LARGE AND SMALL BREAK LOCAS. SEVERAL IMPROVEMENTS WHICH WOULD AFFECT THE LARGE BREAK LOCA RESULTS WERE MADE TO THE BASH COMPUTER CODE. MODIFICATIONS COULD IMPACT THE PEAK CLAD TEMP. BY +10F. CALLAWAY SMALL BREAK LOCA ANALYSIS WAS PERFORMED WITH A VERSION OF THE NOTRUMP COMPUTER CODE WHICH DID NOT INCORPORATE SEVERAL POTENTIALLY SIGNIFICANT MODIFICATIONS. MODIFICATIONS ON THE CALLAWAY SMALL BREAK LOCA ANALYSES RESULT IN A PENALTY, CONSERVATIVELY ESTIMATED TO BE APPROXIMATELY +42F. IT WAS DETERMINED THAT COMPLIANCE WITH THE REQUIREMENTS OF 10CFR50.46 WOULD BE MAINTAINED EVEN WITH THE EFFECTS OF THE EVALUATION MODEL MODIFICATIONS.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

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REPORT	SAFETY EVALUATION
ITEM	ID
24	NE-89-0013

CMP 88-1069 REWIRED SECONDARY WASTE SYS VALVE CONTROL CIRCUIT TO REMOVE PH ANAL

CMP 88-1069 REWIRED THE SECONDARY WASTE SYSTEM VALVE, HPHV64, CONTROL CIRCUITRY TO REMOVE UNNEEDED PH ANALYZERS FROM THE CIRCUIT. THIS IS A NONSAFETY-RELATED SYSTEM AND DOES NOT IMPACT EQUIPMENT IMPORTANT TO SAFETY. ADMINISTRATIVE PROCEDURES PROVIDE THE NECESSARY PH MONITORING. FSAR FIG 10.4-2 WAS REVISED.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT	SAFETY EVALUATION
ITEM	ID
25	NE-90-0039

RFR NO.8010 TURBINE-DRIVEN AUXILIARY FEEDWATER PUMP (TDAFP)

RFR NO.8010 CALIBRATION INFORMATION IN J-U8000 FOR TDAFP TURBINE SPEED CONTROL INSTRUMENTATION DOES NOT AGREE WITH TURBINE MANUFACTURER'S PROCEDURE. NEW RAMP TIME IS SUCH THAT TURBINE SPEED WILL ONLY BE BELOW ITS MINIMUM RATED SPEED FOR A VERY SHORT TIME DURING STARTUP. THIS IS A NORMAL STARTUP TRANSIENT AND WILL NOT ADVERSELY AFFECT THE TURBINE. IDLE VOLTAGE, CONVERTER GAIN VOLTAGE, AND RAMP TIME ARE WITHIN SPECIFICATIONS GIVEN IN TURBINE INSTRUCTION MANUAL AND RESULTED IN A SMOOTH TURBINE STARTUP. THERE ARE NO FSAR OR TECH SPEC REQUIREMENTS FOR THE RAMP TIME. REVISE DWG. H22FC02.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

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SAFETY EVALUATION
ID
NE-90-0045

EMP 89-3006 SAMPLING AND VENTING CONNECTIONS FOR CHEMICAL ADDITION PUMPS

EMP 89-3006 ADDITION OF SAMPLING AND VENTING CONNECTIONS FOR CHEMICAL ADDITION PUMPS. AUXILIARY STEAM CHEMICAL ADDITION PUMPS AND RELATED COMPONENTS HAVE NO SAFETY FUNCTION. NO CHANGE IS INVOLVED WHICH WOULD ALTER THE INTERACTION WITH OR INCREASE THE PROBABILITY OF A CHALLENGE TO ANY SAFETY-RELATED SYSTEM. NO INCREASED FIRE HAZARD OR ALARA CONCERN IS CREATED. REVISE FSAR FIG 9.5.9-1, SHT4.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT
ITEM
27

SAFETY EVALUATION
ID
NE-90-0078

RFR NO.8201 CONTROL BANK B DROPPED RODS

RFR NO.8201 THIS RFR VERIFIES THAT ADEQUATE SHUTDOWN MARGIN WILL EXIST DURING TROUBLESHOOTING OF ROD CONTROL SYSTEM. INITIALLY ONLY SHUTDOWN BANKS WILL BE WITHDRAWN. WHILE WITHDRAWING SHUTDOWN BANKS, SHUTDOWN MARGIN IS NOT AFFECTED. SHUTDOWN BANKS WERE DEMONSTRATED TRIPPABLE WHEN REACTOR WAS TRIPPED SHORTLY AFTER THE FAULT IN ROD CONTROL OCCURRED. DURING TROUBLESHOOTING OF A CONTROL BANK, THE SHUTDOWN MARGIN WILL BE INCREASED ABOVE THE TECH SPEC VALUE BY 110% OF THE WORTH OF THE BANK WITH THE HIGHEST REACTIVITY. ASSUMPTIONS IN ROD WITHDRAWAL ACCIDENT BOUND THE CONDITIONS OF THE REACTOR DURING THE ROD CONTROL TROUBLESHOOTING. THIS REQUIRES CHANGE TO PROCEDURE DTG-ZZ-00002.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

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SAFETY EVALUATION
ID
NE-90-0082

RFR NO.8043 REVISE PLANT DWGS.

RFR NO.8043 REVISE PLANT DWGS TO ADD INSTRUMENT VALVES USED FOR DIRECT MOUNTED OR LINE CONNECTED INSTRUMENTS. NO IMPACT ON PLANT SAFETY BECAUSE NO CHANGES TO PLANT EQUIPMENT, STRUCTURES, COMPONENTS, ETC. ARE MADE.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT
ITEM
29

SAFETY EVALUATION
ID
NE-90-0111

RFR NO.7620 CHANGE POSITION OF VALVE BGV0319

RFR NO.7620 CHANGE POSITION OF VALVE BGV0319 FROM NORMAL FULL CLOSED TO NORMAL FULL OPEN. PROC OTN-BB-0001 REQUIRES FULL OPEN POSITION DURING NORMAL PLANT OPERATION TO PERMIT DIRECT FLOW TO BORIC ACID STORAGE TANKS DURING TIMES OF BYPASSING BORIC ACID FILTER FOR CHANGES. CLOSING VALVE WILL NOT DEGRADE TECH SPEC FLOWRATE OF 30 GPM TO RCS THROUGH EMERGENCY BORATION FLOWPATH. OPERABILITY OF BORIC ACID TRANSFER PUMPS TO BORATE RCS DURING DILUTION ACCIDENT WILL NOT BE AFFECTED BY REPOSITIONING BGV0319 CLOSED. MINIMUM FLOW PROTECTION OF BORIC ACID TRANSFER PUMPS IS MAINTAINED.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

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ITEM
30

SAFETY EVALUATION
ID
LF-90-0024

OL 1095 TS 3.7.1.2 REVISED TS LCO FOR AUX.FEED.SYS AND ACTION FOR ESW SYSTEM

OL 1095 TS 3.7.1.2 REVISED THE TECH SPEC LIMITING CONDITION FOR OPERATION TO ADDRESS FLOWPATH REQUIREMENTS FOR THE MOTOR-DRIVEN AND STEAM TURBINE-DRIVEN AUXILIARY FEEDWATER PUMPS. THE CHANGE ALSO ADDED REQUIREMENTS TO ACTION STATEMENTS IF ANY ESSENTIAL SERVICE WATER SYSTEM VALVES TO THE STEAM TURBINE-DRIVEN AUXILIARY FEEDWATER PUMP IS INOPERABLE OR IF ONE ESW LOOP IS INOPERABLE. THE CHANGES PROVIDE CLARIFICATION AND A BALANCE BETWEEN SINGLE FAILURE, SEISMIC DESIGN, AND PIPE BREAK CRITERIA FOR CALLAWAY PLANT. THE NRC HAS APPROVED THE CHANGES IN AMENDMENT 55 TO THE OPERATING LICENSE.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT
ITEM
31

SAFETY EVALUATION
ID
NE-90-0038

RFR NO.8105 SHF08 RECIRC PUMP DRAIN LINE AS-BUILT

RFR NO.8105 DWGS M-134-0020, M22HF04, AND M23HF16 WILL BE REVISED TO REFLECT AS-BUILT CONDITIONS AS SHOWN ON 2FC-1432-P. PUMP AND DRAIN PIPING ARE NON-Q.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

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REPORT ITEM	SAFETY EVALUATION ID
32	NE-90-0040

RFR NO.7723 REPLACEMENT OF VALVES AFW0401, 402, AND 406

RFR NO.7723 AF SYSTEM VALVES ARE EXPERIENCING TWO-PHASE-FLOW-INDUCED EROSION IN THEIR VALVE BODIES. THESE CARBON STEEL GLOBE VALVES WILL BE REPLACED WITH STAINLESS STEEL GATE VALVES WITH INCREASED RESISTANCE TO FLOW INDUCED EROSION. SUBJECT VALVES PERFORM NO SAFETY RELATED FUNCTION NOR HAVE ANY TECH SPEC REQUIREMENTS. VALVES MEET APPLICABLE REQUIREMENTS OF ANSI 31.1. STAINLESS STEEL IS COMPATIBLE WITH ASSOCIATED PIPING SYSTEM MATERIAL. PIPING STRESS OF SYSTEM REMAINS VIRTUALLY UNAFFECTED. REVISE H-22AF03.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT ITEM	SAFETY EVALUATION ID
33	NE-90-0058

RTS-HB-00610,REV 0 ADD HYDROGEN PEROXIDE TO LAUNDRY AND HOT SHOWER TANK

RTS-HB-00610,REV 0 HYDROGEN PEROXIDE IS ADDED TO LAUNDRY AND HOT SHOWER TANK TO DISINFECT AND DEODORIZE IT. THE HYDROGEN PEROXIDE WILL NOT HAVE AN ADVERSE EFFECT ON THE TANK, PIPING, OR SLW EVAPORATOR. NEW PROCEDURE.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

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34

SAFETY EVALUATION
ID
NE-90-0083

RFR NO.8041 ADDITION OF KD SYSTEM VALVES TO MEL.

RFR NO.8041 ADDITION OF KD SYSTEM VALVES TO MEL. ADDITION OF DESIGN SPEC INFORMATION TO MEL FOR VARIOUS KD SYSTEM VALVES. VALVE NO. WAS ADDED TO VALVE DEPICTED IN DWG M22KD02. FOUR KD SYSTEM VALVES WERE ADDED TO MEL. NO CHANGE TO FACILITY AS DESCRIBED IN FSAR SINCE VALVE NO. ADDED TO DWG M22KD02 DOES NOT ALTER DESIGN, FUNCTION, OR METHOD OF PERFORMING THE DESIGN, FUNCTION OR METHOD OF PERFORMING THE FUNCTION OF A COMPONENT, SYSTEM, OR STRUCTURE DESCRIBED IN FSAR. THE DOMESTIC WATER SYSTEM SERVES NO SAFETY FUNCTION AND HAS NO SAFETY DESIGN BASES. NO OTHER SAFETY RELATED EQUIPMENT IS INVOLVED OR AFFECTED.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT
ITEM
35

SAFETY EVALUATION
ID
NE-90-0099

CMP 89-1008 MODIFICATION OF SLW OIL INTERCEPTOR CLEANOUT LINES

CMP 89-1008 OIL INTERCEPTOR AND DRAIN LINES ARE NON-SAFETY RELATED. MODIFICATION WILL COMPLY WITH REQUIREMENTS OF ANSI B31.1.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

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ITEM
36

SAFETY EVALUATION
ID
NE-90-0113

RFR NO.6756 REVISION OF AS-BUILT DRAWINGS

RFR NO.6756 REVISE FIRE DELINEATION DWG TO CORRECTLY DEPICT LOCATION OF FIRE WALL BETWEEN CONTROL ROOM PRESSURIZATION FAN ROOMS. REVISE M22GK01 AND M22GK03 DAMPER SEQUENCE LOCATION TO AGREE WITH FIELD INSTALLATION. WALL SEPARATING FIRE ZONES C-13 AND C-14 IS 3-HOUR FIRE RATED WALL AS REQUIRED. WALL IS ACTUALLY PLANT SOUTH OF OUTSIDE AIR INTAKES FOR CONTROL PRESSURIZATION SYSTEM FILTER ADSORBER UNITS. DWG CHANGE FOR DAMPER LOCATIONS DOES NOT IMPACT THE FIRE PROTECTION SYSTEM. FIRE DAMPERS ARE LOCATED AT THE FIRE BARRIER AND HALON ISOLATION DAMPERS ISOLATE THE HALON PROTECTED AREAS FROM ADJACENT AREAS.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT
ITEM
37

SAFETY EVALUATION
ID
NE-90-0116

RFR NO.5355 IN-PLACE STORAGE OF GANTRY CRANE

RFR NO.5355 IN-PLACE STORAGE OF PORTABLE GANTRY CRANE FOR ENCAPSULATION TANK DOME REMOVAL AND INSTALLATION. GANTRY CRANE WILL BE SECURED AFTER USE BY LASHING TO A NEARBY COLUMN. A II/I CONCERN DOES NOT EXIST AS THE CRANE CANNOT FALL OR IMPAIR THE FUNCTION OF SAFETY RELATED COMPONENTS DURING A SEISMIC EVENT.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

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SAFETY EVALUATION
ID
NE-90-0120

ESP-ZZ-00029, REV 3 LOOP 4 DELTA-T MEASUREMENT

ESP-ZZ-00029, REV 3 LOOP 4 DELTA-T MEASUREMENT. PROCEDURES ESP-ZZ-00026, ESP-ZZ-00027, ESP-ZZ-00028, AND ESP-ZZ-00029 DETERMINE THE GAINS FOR DELTA-T LOOPS 1, 2, 3, AND 4, RESPECTIVELY. UNDER THIS CHANGE GAINS ARE PLACED IN CURVE BOOK AND CONTROLLED BY THE PREVIOUSLY MENTIONED PROCEDURES, INSTEAD OF JU8000. THIS IS IMPORTANT SINCE THE SCALING MAY NEED TO BE CHANGED SEVERAL TIMES PER FUEL CYCLE. INSTEAD OF BEING CONTROLLED UNDER THE JU80000 PROGRAM, THEY ARE ADEQUATELY CONTROLLED VIA THESE PROCEDURES. PROCEDURES USED TO CALCULATE GAINS AND TO REVISE CURVE BOOK HAVE MET SAME REQUIREMENTS AS PROCEDURE TO CHANGE JU8000. THERE IS NO DECREASE IN ADMINISTRATIVE CONTROLS.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT
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39

SAFETY EVALUATION
ID
NE-90-0121

ESP-ZZ-00026, REV 3 LOOP 1 DELTA-T MEASUREMENT

ESP-ZZ-00026, REV 3 LOOP 1 DELTA-T MEASUREMENT. PROCEDURES ESP-ZZ-00026, ESP-ZZ-00027, ESP-ZZ-00028, AND ESP-ZZ-00029 DETERMINE THE GAINS FOR DELTA-T LOOPS 1, 2, 3, AND 4, RESPECTIVELY. PREVIOUSLY, THE GAINS FOR DELTA-T WERE CONTROLLED BY JU8000. UNDER THIS CHANGE THE GAINS WILL BE PLACED IN THE CURVE BOOK AND CONTROLLED BY THE PREVIOUSLY MENTIONED PROCEDURES. THE REASON FOR THIS CHANGE IS THAT THE CURVE BOOK CAN BE CHANGED MORE EXPEDITIOUSLY THAN THE JU8000. THIS IS IMPORTANT SINCE THE SCALING MAY NEED TO BE CHANGED SEVERAL TIMES PER FUEL CYCLE. PROCEDURES TO CALCULATE GAINS AND REVISE THE CURVE BOOK HAVE MET SAME REQUIREMENTS AS PROCEDURE TO CHANGE JU8000. THERE IS NO DECREASE IN ADMINISTRATIVE CONTROLS.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

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REPORT SAFETY EVALUATION
ITEM ID
40 NE-90-0122

ESP-ZZ-00027,REV 3 LOOP 2 DELTA-T MEASUREMENT

ESP-ZZ-00027,REV 3 LOOP 2 DELTA-T MEASUREMENT. PROCEDURES ESP-ZZ-00026, ESP-ZZ-00027, ESP-ZZ-00028, AND ESP-ZZ-00029 DETERMINE THE GAINS FOR DELTA-T LOOPS 1,2,3, AND 4, RESPECTIVELY. PREVIOUSLY, THE GAINS FOR DELTA-T WERE CONTROLLED BY JU8000. UNDER THIS CHANGE THE GAINS WILL BE PLACED IN THE CURVE BOOK AND CONTROLLED BY THE PREVIOUSLY MENTIONED PROCEDURES. THE REASON FOR THIS CHANGE IS THAT THE CURVE BOOK CAN BE CHANGED MORE EXPEDITIOUSLY THAN THE JU8000. THIS IS IMPORTANT SINCE THE SCALING MAY NEED TO BE CHANGED SEVERAL TIMES PER FUEL CYCLE. PROCEDURES USED TO CALCULATE GAINS AND REVISE CURVE BOOK HAVE MET SAME REQUIREMENTS AS PROCEDURE TO CHANGE JU8000. THERE IS NO DECREASE IN ADMINISTRATIVE CONTROLS.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT SAFETY EVALUATION
ITEM ID
41 NE-90-0123

ESP-ZZ-00028,REV 3 LOOP 3 DELTA-T MEASUREMENT

ESP-ZZ-00028,REV 3 LOOP 3 DELTA-T MEASUREMENT. PROCEDURES ESP-ZZ-00026, ESP-ZZ-00027, ESP-ZZ-00028, AND ESP-ZZ-00029 DETERMINE THE GAINS FOR DELTA-T LOOPS 1,2,3, AND 4, RESPECTIVELY. PREVIOUSLY, THE GAINS FOR DELTA-T WERE CONTROLLED BY JU8000. UNDER THIS CHANGE THE GAINS WILL BE PLACED IN THE CURVE BOOK AND CONTROLLED BY THE PREVIOUSLY MENTIONED PROCEDURES. THE REASON FOR THIS CHANGE IS THAT THE CURVE BOOK CAN BE CHANGED MORE EXPEDITIOUSLY THAN THE JU8000. THIS IS IMPORTANT SINCE THE SCALING MAY NEED TO BE CHANGED SEVERAL TIMES PER FUEL CYCLE. PROCEDURES USED TO CALCULATE GAINS AND REVISE THE CURVE BOOK HAVE MET SAME REQUIREMENTS AS PROCEDURE TO CHANGE JU8000. THERE IS NO DECREASE IN ADMINISTRATIVE CONTROLS.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

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REPORT SAFETY EVALUATION
ITEM ID
42 LF-90-0025

OL 1096 TS T2.2-1 REVISED TS TO DELETE PWR RANGE, NEUTRON FLUX, HIGH N. FLUX IPS

OL 1096 TS T2.2-1, 3.3-1, 3.3-2, AND 4.3-2 REVISED THE TECH SPECS TO DELETE THE POWER RANGE, THE NEUTRON FLUX, AND THE HIGH NEGATIVE FLUX RATE TRIPS. THE NRC HAS APPROVED A METHODOLOGY TO EVALUATE THE NEED FOR THESE TRIPS ON A PLANT SPECIFIC BASIS. THE METHODOLOGY IS DESCRIBED IN WCAP-11394(4/87), "METHODOLOGY FOR THE ANALYSIS OF THE DROPPED ROD EVENT". THE EVALUATION FOR CALLAWAY SHOWED THAT THE SUBJECT TRIPS ARE NOT NEEDED. THE NRC HAS APPROVED THIS CHANGE AS AMENDMENT 56 TO THE OPERATING LICENSE.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURRENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT SAFETY EVALUATION
ITEM ID
43 LF-90-0057

CN 90-40 SP 9.5B.5 REVISED FSAR FIRE PROTECTION SECTION

CN 90-40 SP 9.5B.5 PROVIDED CLARIFICATION TO COMBUSTIBLE LOADING AND WHEN COMBUSTIBLE LOADING INCREASES ARE DEEMED SIGNIFICANT AND WARRANT UPDATING. THIS ELIMINATED NEED FOR DEFINITIONS OF "NEGLECTIBLE" OR "INSIGNIFICANT." THIS CLARIFICATION DOES NOT CHANGE THE METHODOLOGY FOR CALCULATING COMBUSTIBLE LOADING IN THE PLANT. CHANGE DOES NOT CHANGE FIRE PROTECTION PROGRAM OR THE FIRE HAZARDS ANALYSIS.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURRENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

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REPORT SAFETY EVALUATION
ITEM ID
44 LF-90-0068

CN 89-46 SP 9.2,11.5 REVISED FSAR FOR REMOVAL OF SW/ESW SYS. RAD. MONITORS

CN 89-46 SP 9.2,11.5 REVISED FSAR ESSENTIAL SERVICE WATER AND SERVICE WATER RADIATION MONITORS FROM FSAR SECTIONS 9.2 AND 11.5. RADIATION MONITORS WERE REMOVED FROM SERVICE DUE TO REDUNDANT PURPOSE OF MONITORS, PROBLEMS ASSOCIATED WITH KEEPING MONITORS IN SERVICE, AND INABILITY OF THE MONITORS TO DETECT LEAKAGE FROM A POTENTIALLY RADIOACTIVE SYSTEM. THE ONLY CREDIBLE SOURCE OF POTENTIALLY CONTAMINATED WATER TO THE ESW SYSTEM IS A LEAK IN THE COMPONENT COOLING WATER HEAT EXCHANGER. RADIATION MONITORS IN THE NON-RADIOACTIVE CCW SYSTEM CAN DETECT HIGH RADIATION LEVELS IN THE CCW SYSTEM. THE CCW HEAT EXCHANGER CAN BE ISOLATED FROM THE SW/ESW SYSTEM IF HIGH RADIATION LEVELS IN THE CCW SYSTEM ARE DETECTED. THERE ARE NO SAFETY DESIGN BASES FOR THE MONITORS PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT SAFETY EVALUATION
ITEM ID
45 LF-90-0118

CN 90-44 SA 12.5.1 FSAR HEALTH PHYSICS SERVICES USED BY OTHERS

CN 90-44 SA 12.5.1 ADDED TO FSAR THAT HEALTH PHYSICS PROGRAM SERVICES ARE USED BY OTHER UNION ELECTRIC POWER PLANTS TO ANALYZE SWIPE SAMPLES FROM THEIR INSTRUMENTATION THAT CONTAINS RADIOACTIVE SOURCES. THIS CHANGE TO FSAR DOES NOT IMPACT ANY SAFETY DESIGN BASIS OR ALTER ANY PLANT SYSTEM OPERATION. THE CHANGE IS MERELY ADDITIONAL INFORMATION CONCERNING A COMPANY DECISION TO ALLOW OTHER PLANTS TO USE CALLAWAY HP SERVICES.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

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REPORT SAFETY EVALUATION
ITEM ID
46 NE-90-0004

RFR NO.4891 REVISED FSAR FOR VARIOUS INSTRUMENTS EQ CLASSIFICATIONS

RFR NO.4891 REVISED FSAR TABLE 3.11(B)-3 TO REFLECT THE EQ CLASSIFICATIONS FOR
VARIOUS NONSAFETY-RELATED INSTRUMENTS INSTALLED IN THERMOWELLS

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN
PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIP-
MENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS RE-
PORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE
OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MAR-
GIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY
QUESTION DID NOT EXIST.

REPORT SAFETY EVALUATION
ITEM ID
47 NE-90-0048

ETP-ZZ-ST006,REV 1 BANK REACTIVITY WORTH MEASUREMENT (ROD SWAP METHOD)

ETP-ZZ-ST006,REV 1 BANK REACTIVITY WORTH MEASUREMENT (ROD SWAP METHOD).
SAFETY EVALUATION FOR ETP-ZZ-ST006, REV.0, REMAINS VALID FOR REV.1. REFERENCES
TO REFUEL 3 AND CYCLE 4 APPLY TO REFUEL 4 AND CYCLE 5, AS WELL AS TO ALL FUTURE
REFUELS AND CYCLES. SHUTDOWN MARGINS DURING ALL PHASES OF ROD SWAP WILL ALWAYS
BE GREATER THAN LOWEST SHUTDOWN MARGIN DURING CONVENTIONAL BANK WORTH
MEASUREMENTS (BORON DILUTION). IT IS NOT POSSIBLE FOR ROD SWAP TESTING TO
INVOLVE A BANK CONFIGURATION WHICH REPRESENTS INADEQUATE SHUTDOWN MARGIN.
THE PROCEDURE WAS USED ONLY TO OBTAIN BENCHMARK DATA FOR USE IN DEVELOPING A
LICENSABLE ROD SWAP METHODOLOGY. THE BORON DILUTION TECHNIQUE PROVIDED THE
DATA FOR CONFIRMATION OF BANK WORTHS.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN
PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIP-
MENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS RE-
PORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE
OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MAR-
GIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY
QUESTION DID NOT EXIST.

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REPORT SAFETY EVALUATION
ITEM ID
48 NE-90-0049

ETP-EF-ST012,REV 0 CHEMICAL CLEANING OF ESW PIPE

ETP-EF-ST012,REV 0 NEW PROCEDURE FOR CHEMICAL CLEANING OF ESW PIPE TO AND FROM CONTROL ROOM A/C UNIT CONDENSER. CLEANING SOLVENT (VERTAN 710) IS COMPATIBLE WITH MATERIALS USED IN THE CONSTRUCTION OF CONDENSER AND VALVES WITHIN THE ESW SYSTEM. ALTHOUGH THE SOLVENT'S EFFECT ON VARIOUS ELASTOMERS USED IN VALVES AND GASKETS HAS NOT BEEN TESTED, DOWELL SCHLUMBERGER LABORATORY AND KEWAUNEE NUCLEAR PLANT HAVE NOT EXPERIENCED VALVE PACKING OR GASKET LEAKS.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT SAFETY EVALUATION
ITEM ID
49 NE-90-0050

ETP-EJ-ST004,REV 0 TESTING OF RHR ISOLATION VALVES

ETP-EJ-ST004,REV 0 PROCEDURE DETERMINES AMOUNT OF THRUST REQUIRED TO OPEN AND CLOSE RHR ISOLATION VALVES UNDER DIFFERENTIAL PRESSURE CONDITIONS. ALTHOUGH EACH VALVE WILL BE TECHNICALLY INOPERABLE WITH REGARD TO ACTUATION AFTER TESTING, EACH VALVE WILL BE LEFT IN THE PROPER POSITION TO KEEP ONE RHR LOOP OPERABLE AND IN OPERATION AND PROVIDE RHR TRAIN SEPARATION. PROCEDURE LIMITS TESTING TO BE DONE WITH BOTH RHR PUMPS RUNNING. THIS WILL ALLOW ONE RHR LOOP TO BE OPERABLE AND IN OPERATION WHILE VALVES ARE TESTED ON OTHER LOOP. NO OTHER EQUIPMENT IMPORTANT TO SAFETY WILL BE AFFECTED BY THIS PROCEDURE. THIS IS A NEW PROCEDURE.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

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REPORT SAFETY EVALUATION
ITEM ID
50 NE-90-0056

ETP-EG-ST004, REV 0 DIFFERENTIAL PRESSURE TESTING ON CCW ISOLATION VALVES

ETP-EG-ST004, REV 0 THIS PROCEDURE DETERMINES THE AMOUNT OF THRUST REQUIRED TO OPEN AND CLOSE THE CCW ISOLATION VALVES UNDER DIFFERENTIAL PRESSURE CONDITIONS. TESTING MAY TEMPORARILY MAKE THE VALVES TECHNICALLY INOPERABLE WITH REGARDS TO ACTUATION. HOWEVER, NEITHER VALVE WILL BE REQUIRED TO PROVIDE COOLING TO RCP THERMAL BARRIERS TO PRECLUDE SEAL FAILURE SINCE TESTING IS DONE IN MODE 6 WITH NO RCP RUNNING. VALVES ARE NOT REQUIRED TO ACTUATE TO PROVIDE CONTAINMENT ISOLATION. VALVES MAINTAIN THEIR PRESSURE BOUNDARY AND THEIR PASSIVE SAFETY FUNCTIONS. ADEQUATE COOLING OF THE SPENT FUEL POOL IS ENSURED BY A REDUNDANT TRAIN. THIS IS A NEW PROCEDURE.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT SAFETY EVALUATION
ITEM ID
51 NE-90-0074

RFR NO.8387 AS-BUILT DWG - CRANE HOOK LIMITS

RFR NO.8387 VENDOR DWG AND FSAR FIGURE REVISED TO AGREE WITH AS-BUILT CONFIGURATION FOR CASK HATCH AREA. NO CHANGES TO PLANT RESULT. SEE CN 90-52.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

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REPORT
ITEM
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SAFETY EVALUATION
ID
NE-90-0081

RFR NO.8373 RESOLVE DISCREPANCIES IN MEL AND PLANT DWGS

RFR NO.8373 RESOLVE DISCREPANCIES IN MEL AND PLANT DWGS. DOCUMENTS REVISED TO INCORPORATE AS BUILT CHANGES. DOES NOT AFFECT THE SAFETY OR OPERATION OF THE COMPONENT.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT
ITEM
53

SAFETY EVALUATION
ID
NE-90-0085

RFR NO.7994 REVISE FSAR FIG 9.2-12, M22AP01

RFR NO.7994 REVISE FSAR FIG 9.2-12, M22AP01. NOT A DESIGN CHANGE OR CHANGE TO FACILITY DESCRIBED IN FSAR. REVISION OF M22AP01 TO CORRECTLY AS-BUILT CONDITION WILL NOT HAVE ANY ADVERSE IMPACT ON PLANT, EQUIPMENT, OR PERSONNEL SAFETY.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

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REPORT
ITEM
54

SAFETY EVALUATION
ID
NE-90-0110

RFR NO. 7701 REVISE MEL AND M22GK03

RFR NO. 7701 REVISE MEL AND M22GK03 TO CORRECTLY REFLECT AS-BUILT CONFIGURATION OF CONTROL ROOM PRESSURIZATION AND AIR CLEANING UNITS. INSTRUMENT EQUALIZATION VALVE NOT SHOWN ON M22 DMG. VALVES ARE ON NON-SAFETY RELATED LINES AND HAVE NO ACTIVE OR PASSIVE SAFETY FUNCTION. CATASTROPHIC VALVE FAILURE WOULD ALLOW ROOM AIR TO ENTER FILTER UNIT. DBA CONDITIONS FOR ROOMS ARE NOT ADVERSE TO CONTROL ROOM PERSONNEL; THEREFORE, THE CATASTROPHIC FAILURE WOULD NOT IMPACT HABITABILITY OF THE CONTROL ROOM POST-ACCIDENT.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURRENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT
ITEM
55

SAFETY EVALUATION
ID
NE-90-0119

OTS-ZZ-00004, REV 2 PLANT COOLDOWN WITH LOSS OF INSTRUMENT BUS

OTS-ZZ-00004, REV 2 ADDED AN INSTRUCTION TO INSTALL A TEMPORARY CABLE INERTIE TO SUPPLY POWER TO RHR/RCS LOOP SUCTION VALVES IN EVENT OF LOSS OF OFFSITE POWER WITH ONE EMERGENCY DIESEL GENERATOR OUT OF SERVICE. FSAR SECTION 5.4A.3.2 STATES THAT IN EVENT OF SUCH A SCENARIO THE MOTOR CONTROL CENTER OF THE FAILED DIESEL GENERATOR MUST BE ENERGIZED BY PROVIDING A TEMPORARY CABLE INERTIE FROM THE MCC POWERED BY OPERATING DIESEL GENERATOR. SEPARATION WILL BE PROVIDED BY THE CIRCUIT BREAKERS AND FUSES IN THE ENERGIZED MCC AND THE FUSES IN THE DE-ENERGIZED MCC. CIRCUIT BREAKER AND FUSES IN ENERGIZED MCC WILL PREVENT A FAULT IN JUMPER FROM AFFECTING THE ENERGIZED SEPARATION GROUP.

CHANGE DOES NOT AFFECT DESIGN BASES OF RHR SYSTEM AND ENHANCES PERFORMANCE. PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURRENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

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SAFETY EVALUATION
ID
LF-90-0059

CN 90-43 SP 9.1.4.2.3.1 REVISED SPENT FUEL SECTION OF FSAR

CN 90-43 SP 9.1.4.2.3.1 REVISED FSAR FOR FUEL HANDLING SYSTEM OPERATIONS, INCLUDING SPENT FUEL SHIPMENT. FSAR IS REVISED TO ALLOW MORE FLEXIBILITY IN METHOD OF DECONTAMINATION OF SHIPPING CASK, AND TO MORE ACCURATELY REFLECT SHIPMENT OF NOT ONLY FUEL ASSEMBLIES, BUT FUEL RODLETS AND OTHER ISOLATED FUEL ASSEMBLY COMPONENTS. MANUAL WIPEDOWN OF THE CASK FOLLOWING A RINSE DOWN AS IT IS REMOVED FROM THE CASK LOADING PIT IS A MORE EFFECTIVE DECONTAMINATION METHOD THAN SPRAY DOWN ALONE. CHANGE DOES NOT INVOLVE A DESIGN CHANGE NOR ALTER ANY BASES DESCRIBED IN FSAR.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT
ITEM
57

SAFETY EVALUATION
ID
LF-90-0072

RFR NO.8466 CALLAWAY THIMBLE PLUG REMOVAL

RFR NO.8466 REMOVED THIMBLE PLUGS FROM FUEL ASSEMBLIES. OPERATION WITHOUT PLUGS HAS NO IMPACT ON PROBABILITY OF OCCURENCE OF AN ACCIDENT. IT DOES NOT COMPROMISE PERFORMANCE OF ANY SAFETY-RELATED SYSTEM. FUEL AND OTHER RCS INTERNAL COMPONENTS ARE NOT SIGNIFICANTLY IMPACTED. CHANGE TO CORE BYPASS FLOW HAS BEEN EVALUATED AND FSAR ACCIDENT ANALYSIS RESULTS REMAIN BOUNDING. FISSION PRODUCT BOUNDARIES ARE NOT CHALLENGED. APPROPRIATE MECHANICAL CONSIDERATIONS ARE SATISFIED. PLANT EQUIPMENT/PERFORMANCE IS NOT SIGNIFICANTLY IMPACTED BY MODIFICATION. NO NEW FAILURE MODE OR LIMITING SINGLE FAILURE IS CREATED. NO IMPACT ON PHYSICAL PARAMETERS OR CONDITIONS ADDRESSED IN TECH SPECS. HOWEVER, A CHANGE TO THE TECH SPEC BASES HAS BEEN REQUESTED. SEE FSAR CN 90-53.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

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ITEM
58

SAFETY EVALUATION
ID
LF-90-0075

OL 1099 RTD BYPASS ELIMINATION

OL 1099 REVISED TECH SPEC TABLES 2.2-1, 3.3-4, AND 3-1 TO ACCOMMODATE PROPOSED REPLACEMENT OF RTD BYPASS SYSTEM. OVERTEMPERATURE DELTA-T (OTDT), OVERPRESSURE DELTA-T (OPDT), AND STEAM GENERATOR LOW-LOW LEVEL TRIPS ARE UNALTERED. TRIPS WILL CONTINUE TO FUNCTION IN A MANNER CONSISTENT WITH THE EXISTING ANALYSES ASSUMPTIONS FOR EVENTS IN WHICH THE OTDT TRIP IS THE PRIMARY TRIP ASSUMED IN THE ANALYSES. ELIMINATION OF THE RTD BYPASS SYSTEM WILL NOT AFFECT THE RESULTS OF THE LOCA ANALYSES. THE MODIFICATIONS ARE SUCH THAT THEY REMAIN CONSISTENT WITH APPLICABLE STANDARDS AND DO NOT ADVERSELY IMPACT THE QUALIFICATION OF ANY PLANT SYSTEMS. IMPROVED THERMAL DESIGN ANALYSES REMAIN VALID.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT
ITEM
59

SAFETY EVALUATION
ID
NE-89-0108

RFR NO.6496 STORAGE BUILDING ON ROOF OF AUXILIARY BUILDING.

RFR NO.6496 EVALUATION OF ALLOWING STORAGE BUILDING ON ROOF OF AUXILIARY BUILDING TO REMAIN IN PLACE. NO SEISMIC II/I OR FIRE PROTECTION CONCERNS EXIST. TEAR-OFF OF METAL SIDING AND BUILDING MOVEMENT DURING HIGH WINDS AND TORNADO PRESSURE DROP ARE NOT CONCERNS. ADDITIONAL TIE-DOWNS WILL PROVIDE ADDITIONAL MARGIN OF SAFETY AGAINST BUILDING MOVEMENT AND POTENTIAL DAMAGE TO HOT MACHINE SHOP ROOF. STRUCTURAL CAPACITY OF AUXILIARY ROOF IS ADEQUATE. REVISE FSAR FIG 1.2-14.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

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REPORT SAFETY EVALUATION
ITEM ID
60 NE-90-0054

RFR NO.5023 FUEL OIL ADDITIVES FOR EMERGENCY DIESEL FUEL OIL

RFR NO.5023 APPROVE USE OF KATHON FP1.5 AS BIOCIDAL ADDITIVE TO EMERGENCY FUEL OIL. RECOMMENDED BY FUEL QUALITY SERVICES AS BIOCIDAL THAT WORKS IN BOTH WATER AND OIL PHASE. PRODUCT HAS BEEN UTILIZED THROUGHOUT INDUSTRY AS DIESEL FUEL ADDITIVE WITH NO KNOWN DETRIMENTAL EFFECTS ON EPOXY LINERS OR DIESEL ENGINE COMPONENTS. MAINTENANCE DOSAGE WILL RESULT IN FUEL OIL HALOGEN CONCENTRATION BELOW LIMIT FOR DISPOSAL OF FUEL OIL BY INCINERATION.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURRENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT SAFETY EVALUATION
ITEM ID
61 NE-90-0070

RFR NO.8481 MATERIAL EQUIVALENCY - TYGON VS. LEXAN TUBING

RFR NO.8481 SECTION 9.1.4.2.3.1 OF FSAR REFERENCES USE OF "TYGON HOSE" FOR DETERMINING RCS LEVEL AT MIDLOOP DURING REFUELING. REINFORCED TYGON TUBING TRANSPARENCY HAS BEEN DETERMINED TO BE INADEQUATE FOR DETERMINING RCS LEVEL AT MIDLOOP. LEXAN TUBING HAS BEEN REVIEWED AND HAS THE REQUIRED TRANSPARENCY FOR LEVEL INDICATION. THE MECHANICAL PROPERTIES OF LEXAN HAVE BEEN DETERMINED TO BE EQUIVALENT TO TYGON. FSAR CN 90-04 REVISES FSAR TO ELIMINATE EXCLUSIVE USE OF TYGON.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURRENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

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REPORT SAFETY EVALUATION
ITEM ID
62 NE-90-0071

RFR NO.8474 COMBUSTIBLE LIQUID STORAGE IN AUXILIARY TOOL CRIB

RFR NO.8474 TWO GALLONS OF MISCELLANEOUS COMBUSTIBLE LIQUIDS AND GREASES ARE TO BE PERMANENTLY ADDED TO AUXILIARY TOOL CRIB IN AUXILIARY BUILDING. ADDITIONAL COMBUSTIBLE LOADING IS AN INSIGNIFICANT INCREASE AND DOES NOT WARRANT FSAR FIRE HAZARDS ANALYSIS REVISION OR ADDITIONAL FIRE PROTECTION REVIEW. COMBUSTIBLE LIQUIDS AND GREASES WILL BE STORED IN METAL STORAGE OR FILE CABINET. SEE FSAR SP 9.5B AND SA 9.5E.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT SAFETY EVALUATION
ITEM ID
63 NE-90-0076

RFR NO.8364 REMOVE MFP SUCTION STRAINERS

RFR NO.8364 REMOVAL OF MAIN FEEDWATER PUMP SUCTION STRAINERS WILL INCREASE PLANT EFFICIENCY BY REDUCING HEAD LOSS IN SYSTEM AND REDUCING HEAD ADDED BY THE MFPS THEREBY REDUCING POWER CONSUMPTION BY MFP TURBINE. BECAUSE NO FOREIGN OBJECTS ARE EXPECTED, NO BENEFITS ARE REALIZED BY MAINTAINING THE STRAINERS IN THE SYSTEM DURING NORMAL POWER OPERATIONS. THE MFP AND MFP STRAINERS ARE NOT SAFETY RELATED AND ARE LOCATED OUTSIDE THE SAFETY RELATED PORTION OF THE FEEDWATER SYSTEM. REVISE DWG M22AE01.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

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REPORT ITEM	SAFETY EVALUATION ID
64	NE-90-0080

RFR NO.7061 CORRECTION TO M22FA01 TO SHOW CORRECT LINEUP OF FAFT0020

RFR NO.7061 CORRECTION TO M22FA01 TO SHOW CORRECT LINEUP OF FAFT0020. THE AFFECTED INSTRUMENTATION PERFORMS NO SAFETY FUNCTION NOR INTEFACES WITH SAFETY-RELATED EQUIPMENT. THE AS-BUILT CONDITION IS CORRECT AND IS IN ACCORDANCE WITH BOILER VENDORS DESIGN DRAWINGS.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNRLVIENED SAFETY QUESTION DID NOT EXIST.

REPORT ITEM	SAFETY EVALUATION ID
65	NE-90-0093

CMP 89-1044 BASKET STRAINER UPSTREAM OF DISCH. MONITOR TANK TRANSFER PUMP

CMP 89-1044 INSTALLATION OF BASKET STRAINER UPSTREAM OF DISCHARGE MONITOR TANK TRANSFER PUMP. ALSO, PRESSURE GAUGE IS ADDED DOWNSTREAM OF STRAINER TO INSURE MINIMUM NPSH AT PUMP IS MAINTAINED. DESIGN CHANGE DOES NOT AFFECT ANY SAFETY RELATED SYSTEM.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR LREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

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SAFETY EVALUATION
ID
NE-90-0109

RTS-HA-00110,REV 0 GASEOUS RADWASTE SYSTEM OPERATION

RTS-HA-00110,REV 0 EVALUATE OPERATION OF HYDROGEN RECOMBINERS WITH INLET HYDROGEN MONITOR IN BYPASS DURING RCS DEGAS. THIS REDUCES VOLUME AND CONCENTRATION OF HYDROGEN IN GAS DECAY TANKS. OPERATION OF RECOMBINERS REMAINS INSIDE TECH SPEC REQUIREMENTS. REQUIRED EQUIPMENT IS AVAILABLE, AND ACTION STATEMENTS REMAIN APPLICABLE.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT
ITEM
67

SAFETY EVALUATION
ID
LF-90-0107

CN 90-57 SA 9.5.1.7 ADD BALANCE OF FIRE PROTECTION ORGANIZATION TO FSAR

CN 90-57 SA 9.5.1.7 ADDING ADDITIONAL PERSONNEL TO FSAR IS NOT A REDUCTION IN COMMITMENTS TO THE NRC.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT
ITEM
68

SAFETY EVALUATION
ID
NE-87-0056

CMP 85-0055 ADDED EXTRA PA HANDSET STATIONS,JACKS,AND BOOTHS TO PA SYSTEM

CMP 85-0055 ADDED EXTRA PA HANDSET STATIONS,MAINTENANCE JACKS,AND SOUND INSULATION BOOTHS TO THE PUBLIC ADDRESS SYSTEM. SAFETY AND POWER DESIGN BASES ARE NOT ADVERSELY AFFECTED.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

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SAFETY EVALUATION
ID
NE-87-0281

CMP 87-1022 RELOCATED SECURITY FENCING NORTH OF THE SERVICE BLDG

CMP 87-1022 RELOCATED SECURITY FENCING NORTH OF THE SERVICE BLDG TO ACCOMMODATE CONSTRUCTION OF OFFICE FACILITIES. COMPENSATORY SECURITY MEASURES ARE IMPOSED DURING THE FENCE RELOCATION. THIS CHANGE IS CONTAINED IN FSAR CN 398. THE MODIFICATION DOES NOT INVOLVE SAFETY-RELATED COMPONENTS OR SYSTEMS.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT
ITEM
70

SAFETY EVALUATION
ID
NE-90-0043

CMP 89-1037 STEAM TRAP ON DRAIN LINE OF AUXILIARY FEEDWATER PUMP TURBINE

CMP 89-1037 INSTALL STEAM TRAP ON DRAIN LINE OFF AUXILIARY FEEDWATER PUMP TURBINE. NON-SAFETY RELATED STEAM TRAP ON NON-SAFETY RELATED DRAIN LINE. STEAM TRAP WILL NOT ADD ANY SIGNIFICANT WEIGHT TO LINE NOR PRODUCE ANY ADVERSE ROOM CONDITIONS. TRAP WILL BE PROVIDED ADEQUATE SUPPORT. POSSIBLE BACK PRESSURE WILL NOT AFFECT OTHER COMPONENTS THAT FEED TO STEAM TRAP LINE. REVISE FSAR FIGS 10.4-9 AND 10.4-10.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

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SAFETY EVALUATION
ID
NE-90-0064

RFR NO.8655 AS-BUILT ILRT PRESSURIZATION SKID

RFR NO.8655 REVISE DWG M22GP01 TO REFLECT AS-BUILT CONDITION OF ILRT PRESSURIZATION SKID AND ASSOCIATED COMPONENTS. COMPRESSORS ARE LEASED FOR ILRT AND, DEPENDING ON THE SIZE OF COMPRESSORS AVAILABLE, THE NUMBER REQUIRED WILL CHANGE. EQUIPMENT IS NOT SAFETY RELATED NOR DOES IT HAVE ANY INTERFACE WITH SAFETY RELATED EQUIPMENT.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT
ITEM
72

SAFETY EVALUATION
ID
NE-90-0066

RFR NO.8538 OPTIONAL DIAPHRAGM IN BORIC ACID STORAGE TANK

RFR NO.8538 THIS MINOR MODIFICATION WILL ALLOW REMOVAL OF TORN DIAPHRAGM IN "A" BORIC ACID STORAGE TANK AND FUTURE REMOVAL OF DIAPHRAGM IN "B" TANK. USE OF THE DIAPHRAGMS IN THE TANKS HAS BEEN INDICATED AS OPTIONAL IN DWGS M22BG05 AND M-105B-0003. FUNCTION OF DIAPHRAGM IS TO PREVENT OXYGEN FROM MIXING WITH TANK CONTENTS. USABLE VOLUME WILL NOT BE AFFECTED BY REMOVAL OF DIAPHRAGM. INCREASED OXYGEN SHOULD NOT HAVE ANY IMPACT ON HYDROGEN CONTROL IN RCS; CHEMISTRY WILL MONITOR WATER CHEMISTRY BY NORMAL RCS SAMPLING TO ENSURE CHEMISTRY REMAINS IN SPEC. REMOVING DIAPHRAGM WILL NO AFFECT ABILITY TO ADD BORATED WATER TO RCS.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

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REPORT SAFETY EVALUATION
ITEM ID
73 NE-90-0069

RFR NO.8500 AS-BUILT CONFIGURATION OF GAITRONICS TERMINAL BOX

RFR NO.8500 REVISE DWGS TO REFLECT ACTUAL LOCATION OF GAITRONICS TERMINAL BOX. TERMINAL BOX WAS RELOCATED DURING CONSTRUCTION. OPERATION OF PUBLIC ADDRESS SYSTEM IS NOT AFFECTED. SYSTEM WILL PERFORM ALL REQUIRED FUNCTIONS IN EVENT OF AN EMERGENCY. RELOCATION DOES NOT CAUSE SEPARATION VIOLATIONS OR II/I SEISMIC CONCERNS. REVISE FSAR FIG. 9.5.2-2.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT SAFETY EVALUATION
ITEM ID
74 NE-90-0087

RFR NO.7709 RECLASSIFICATION OF TSC EQUIPMENT AS NON-SAFETY

RFR NO.7709 THERE IS NO SAFETY-RELATED EQUIPMENT IN THE TSC. THEREFORE, KCPI5023 AND KCPI5024 DO NOT PROVIDE FIRE PROTECTION FOR SAFETY-RELATED EQUIPMENT AND SHOULD BE CLASSIFIED AS NONSAFETY RATHER THAN FP. FSAR FIG 9.5.1-1, SHTS 1 AND 2 REVISED.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT SAFETY EVALUATION
ITEM ID
75 NE-90-0090

CMP 90-1007 ADDITION OF ISOLATION VALVE TO SAFETY INJECTION TEST LINE

CMP 90-1007 SI TEST LINE IS NOT SAFETY RELATED. SAFETY RELATED ISOLATION WILL BE MADE BY EXISTING SAFETY RELATED ISOLATION VALVE.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

10CFR50.59 ANNUAL REPORT SUMMARIES
OF UNION ELECTRIC APPROVED
WRITTEN SAFETY EVALUATIONS

REPORT
ITEM 76
SAFETY EVALUATION
ID
NE-90-0094

CMP 89-1043 REPLACEMENT OF CONTAINMENT COOLER DRIP PAN AND DRAIN LINE

CMP 89-1043 REPLACEMENT OF GALVANIZED DRIP PAN WITH STAINLESS STEEL DRIP PAN REDUCES GALVANIZED METAL IN CONTAINMENT. CALCULATION VERIFIED ACCEPTABILITY OF NEW DRAIN PANS FOR II/I AND VERIFIED THAT NEW DRAIN LINE ADDITION WAS WITHIN STRESS ALLOWABLES.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURRENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT
ITEM 77
SAFETY EVALUATION
ID
NE-90-0096

CMP 89-1027 REPLACEMENT OF CONTAINMENT COOLER VENT LINES

CMP 89-1027 REPLACEMENT OF EXISTING CARBON STEEL VENT LINES AND ASSOCIATED VALVES ON CONTAINMENT COOLERS WITH STAINLESS STEEL COMPONENTS. INSTALLATION OF STAINLESS STEEL VENT LINES FALLS WITHIN ASME SECTION XI ARTICLE IWA-7006 EXEMPTION. MATERIALS ARE CONSISTENT WITH ORIGINAL CONSTRUCTION CODE ASME SECTION III, CLASS 3. WEIGHTS OF NEW VALVES ARE EQUIVALENT TO EXISTING VALVES; THEREFORE, PRIMARY AND SECONDARY STRESSES ARE BOUND BY ORIGINAL CALCULATION. COMPONENTS ARE STAINLESS STEEL AND ARE, THEREFORE, ESSENTIALLY CORROSION RESISTANT IN PROCESS FLUID.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURRENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

10CFR50.59 ANNUAL REPORT SUMMARIES
OF UNION ELECTRIC APPROVED
WRITTEN SAFETY EVALUATIONS

REPORT SAFETY EVALUATION
ITEM ID
78 NE-90-0108

CN 88-62 SP SECTION 11.3 GASEOUS WASTE MANAGEMENT

CN 88-62 SP SECTION 11.3 EVALUATE OPERATION OF HYDROGEN RECOMBINERS WITH INLET HYDROGEN MONITOR IN BYPASS DURING RCS DEGAS. THIS REDUCES VOLUME AND CONCENTRATION OF HYDROGEN IN GAS DECAY TANKS. OPERATION OF RECOMBINERS REMAINS INSIDE TECH SPEC REQUIREMENTS. REQUIRED EQUIPMENT IS AVAILABLE, AND ACTION STATEMENTS REMAIN APPLICABLE.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT SAFETY EVALUATION
ITEM ID
79 NO-90-0001

RFR NO.8408 CLARIFIES MEL SAFETY CLASSIFICATION OF BBLT0495A,B,C,D

RFR NO.8408 CLARIFIES MEL SAFETY CLASSIFICATION OF BBLT0495A,B,C,D. THE TRANSMITTERS BBLT0495A,B,C,D ARE SAFETY RELATED AS THEY ARE PRESSURE BOUNDARY OF THE UPPER OIL RESERVOIR. PER WESTINGHOUSE LETTER SCP-90-127, 03/19/90, WESTINGHOUSE CONSIDERS THE UPPER OIL POT NECESSARY TO ENSURE RCP COASTDOWN, THUS THE TRANSMITTER CAN NOT ALLOW THE OIL TO LEAK OUT. THE TRANSMITTERS ARE NON-EQ.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

10CFR50.59 ANNUAL REPORT SUMMARIES
OF UNION ELECTRIC APPROVED
WRITTEN SAFETY EVALUATIONS

REPORT SAFETY EVALUATION
ITEM ID
80 LF-90-0023

OL 1091 TS VARIOUS REVISED TECH SPECS TO RELOCATE CYCLE SPECIFIC CORE PARAMETER

OL 1091 TS VARIOUS REVISED THE TECH SPECS TO RELOCATE THE CYCLE SPECIFIC CORE PARAMETERS FROM THE TECH SPECS TO A CORE OPERATING LIMITS REPORT AND PLANT PROCEDURES. NRC GENERIC LETTER 88-16 ENCOURAGED LICENSEES TO MAKE THESE CHANGES. THE REMOVAL OF THE CYCLE SPECIFIC PARAMETERS DOES NOT ALTER SAFETY-RELATED SYSTEMS OR PLANT OPERATION. APPLICABLE FSAR LIMITS REMAIN AND TECH SPECS CONTINUE TO REQUIRE OPERATION WITHIN CORE OPERATIONAL LIMITS CALCULATED BY NRC-APPROVED METHODOLOGIES. ACTIONS TAKEN IF LIMITS ARE VIOLATED REMAIN IN THE TECH SPECS. THIS CHANGE WAS ADMINISTRATIVE IN NATURE AND APPROVED BY NRC AS AMENDMENT 58 TO THE OPERATING LICENSE.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURRENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT SAFETY EVALUATION
ITEM ID
81 LF-90-0055

OL 1105 TS 3/4 7.1.7 EXCEPTION TO TECH SPEC 4.0.4

OL 1105 TS 3/4 7.1.7 AMENDMENT ALLOWS EXCEPTION TO TECH SPEC 4.0.4 REQUIRED BECAUSE SURVEILLANCES FOR STEAM GENERATOR ATMOSPHERIC STEAM DUMP VALVES CAN ONLY BE COMPLETED AFTER ENTRY INTO THE MODE FOR WHICH THE SURVEILLANCE REQUIREMENTS APPLY. CHANGE ALLOWS SURVEILLANCES BE PERFORMED AT CONDITIONS SIMILAR TO THOSE IN WHICH THE VALVES WOULD BE REQUIRED TO FUNCTION IN EVENT OF A STEAM GENERATOR TUBE RUPTURE. NO DESIGN CHANGE IS MADE. APPROVED BY NRC AS AMENDMENT 59.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURRENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

10CFR50.59 ANNUAL REPORT SUMMARIES
OF NUCLEAR ELECTRIC APPROVED
WRITTEN SAFETY EVALUATIONS

REPORT SAFETY EVALUATION
ITEM ID
82 NE-88-0094

CMP 87-1120 UPGRADE STEAM GENERATOR PRIMARY SIDE HEAD DRAIN.

CMP 87-1120 INCREASE PIPE SIZE ON STEAM GENERATOR PRIMARY SIDE HEAD DRAIN. DESIGN IS IN ACCORDANCE WITH SUBSECTION NC OF WINTER 74 ADDENDA OF ASME SECTION III. ALL CODE ALLOWABLES FOR LOAD CASES ANALYZED ARE MET. THIS CODE IS THE SAME USED IN THE ORIGINAL DESIGN. REVISE FSAR FIG 5.1-1, SHT. 1. ALLOW USE OF SOLUBLE DAMS TO BE INSERTED INTO THE BOSS LOCATED ON THE BOTTOM BELLY OF STEAM GENERATORS. EFFECTS OF LEAVING DAMS IN THE RCS HAVE BEEN FOUND TO BE ACCEPTABLE. DAMS ARE DESIGNED TO BREAK DOWN AND DECOMPOSE AT OR ABOVE 520F AND CAN BE FILTERED OUT OF RCS PRIOR TO CRITICALITY. DAMS HYDROLYZE TO A WATER SOLUBLE LIQUID THAT HAS NO ADVERSE EFFECT ON STEAM GENERATORS OR RCS COMPONENTS.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURRENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT SAFETY EVALUATION
ITEM ID
83 NE-90-0028

CMP 88-1040 ADDED TWO LEVEL LOOPS TO MONITOR RCS DURING MID-LOOP CONDITIONS

CMP 88-1040 ADDED LEVEL LOOPS TO MONITOR THE RCS LEVEL DURING REDUCED INVENTORY CONDITIONS. THE LEVEL LOOPS MEASURE LEVEL FROM THE TWO RCS HOT LEGS FROM WHICH RHR SUCTION CAN BE TAKEN. BOTH LEVEL TRANSMITTERS ARE VENTED TO THE PRESSURIZER AND ARE MECHANICALLY AND ELECTRICALLY INDEPENDENT. EACH LOOP PROVIDES A CONTROL ROOM INDICATOR, AN ANALOG COMPUTER POINT, AND HIGH/LOW LEVEL ALARMS. THE ONLY SAFETY-RELATED COMPONENTS ARE THE PRESSURE BOUNDARY COMPONENTS INTERFACING WITH THE PRIMARY SYSTEM, AND THESE HAVE BEEN DESIGNED TO MEET FULL RCS PRESSURE. THE PROBABILITY OF RCS LEAKAGE IS NOT INCREASED. THE NEW LEVEL LOOPS ASSURE OPERABILITY OF BOTH RHR TRAINS AT REDUCED INVENTORY AND SATISFY CALLAWAY COMMITMENTS TO NRC GENERIC LETTER 88-17.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURRENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

10CFR50.59 ANNUAL REPORT SUMMARIES
OF UNION ELECTRIC APPROVED
WRITTEN SAFETY EVALUATIONS

REPORT SAFETY EVALUATION
ITEM ID
84 NE-90-0063

RFR NO.8684 REROUTE DRAIN LINES

RFR NO.8684 MINOR MODIFICATION REROUTES DRAIN LINES FOR STEAM GENERATOR FEED PUMP 'A' TURBINE TO ALLOW TURBINE CASING DISASSEMBLY. DRAIN LINES SERVE NO SAFETY FUNCTION. CHANGE DOES NOT CHANGE OPERATION OR FUNCTION OF DRAIN LINES. REVISE DWGS M22FC03, M22FC04, M23FC03, AND M23FC04.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT SAFETY EVALUATION
ITEM ID
85 NE-90-0100

CHP 88-1008 MODIFICATION OF AUTO CLOSE CIRCUIT OF EDG FEEDER BREAKERS

CHP 88-1008 MODIFICATION OF AUTO CLOSE CIRCUIT DOES NOT VIOLATE ANY SAFETY DESIGN BASIS AND IS CONSISTENT WITH FSAR 8.1.4.3 DISCUSSION ON COMPLIANCE WITH REG. GUIDE 1.32. MODIFICATION IS FUNCTIONALLY THE SAME CHANGE MADE TO WOLF CREEK FEEDER BREAKER CONTROL SCHEME. WOLF CREEK CHANGES WERE REVIEWED BY NRC. CALCULATION VERIFIED ADDITIONAL CABLE RESISTANCE WILL NOT PREVENT RELAY 102/DG FROM ENERGIZING.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

10CFR50.59 ANNUAL REPORT SUMMARIES
OF UNION ELECTRIC APPROVED
WRITTEN SAFETY EVALUATIONS

REPORT
ITEM
86

SAFETY EVALUATION
ID
NE-90-0106

OTS-MD-00001, REV 0 SWITCHYARD CIRCUIT BREAKER ENERGIZATION

OTS-MD-00001, REV 0 ADDRESSES ELECTRICAL LINEUP AND PROCEDURE FOR PLACING SWITCHYARD CIRCUIT BREAKER MDV55 BACK INTO SERVICE AND AT SAME TIME TO ALLOW FOR POSSIBLE LOSS OF "B" SWITCHYARD BUS AND NORMAL FEEDER TO NB01. BUS ALIGNMENT FOR NB01 IS MOST CONSERVATIVE ARRANGEMENT IF LOSS OF OFF-SITE FEED IS CONSIDERED POSSIBLE. POWERING BUS WITH THE DIESEL FROM BEGINNING OF TEST RATHER THAN WAITING FOR LOSS OF POWER TO START DIESEL IS SAFEST ACTION FROM A NUCLEAR SAFETY VIEWPOINT. LOSS OF "B" SWITCHYARD BUS AND CAL-MTGY-7 TRANSMISSION LINE WILL NOT AFFECT REMAINING TWO TRANSMISSION LINES ENTERING SWITCHYARD. PLANNED CONFIGURATIONS ARE ALLOWED BY TECH SPECS, AND THERE ARE NO TEMPORARY MODIFICATIONS TO ANY SYSTEM FOR THIS TEST.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT
ITEM
87

SAFETY EVALUATION
ID
NE-90-0115

RFR NO.6194 REVISE AS-BUILT DWG TO SHOW PROPER RADIATION ZONES

RFR NO.6194 REVISE AS-BUILT DWG A-2702 TO SHOW PROPER RADIATION ZONES FOR ROOMS 7214, 7206, 7207, AND 7229. CHANGING RADIATION ZONE DESIGNATIONS FROM 'C' TO 'E' WILL NOT AFFECT EXISTING ACCESS CONTROLS IMPLEMENTED BY HEALTH PHYSICS. ALL AREAS IN RADWASTE BUILDING ARE SURVEYED PERIODICALLY AND POSTED ACCORDINGLY. THESE AREAS ARE NORMALLY POSTED AS HIGH RAD AREA AND REQUIRE HIGH RAD KEY TO ENTER. THIS RFR IS ONLY A DWG CHANGE TO REFLECT NORMAL OPERATING RADIATION LEVELS OF SLW EVAPORATOR. REVISE FSAR FIG 12.3-2, SHT 2.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

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OF UNION ELECTRIC APPROVED
WRITTEN SAFETY EVALUATIONS

REPORT
ITEM
88

SAFETY EVALUATION
ID
LF-89-0078

OL 1072 TS 6.4 REVISED TECH SPEC TO UPDATE TRAINING REFERENCES FOR NEW REGULATN

OL 1072 TS 6.4 REVISED TECH SPEC TO UPDATE TRAINING REFERENCES FOR THE ISSUANCE OF THE REVISED REGULATION TITLE 10,CFR,PART 55; THE GUIDANCE OF REGULATORY GUIDE 1.8,REV 2,WHICH ENDORSES ANSI/ANS 3.1-1981; AND THE OPERATOR LICENSING EXAMINER STANDARDS,NUREG-1021,ES-202. THE NRC HAS APPROVED THIS CHANGE AS AMENDMENT 60 TO THE OPERATING LICENSE.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT
ITEM
89

SAFETY EVALUATION
ID
NE-89-0096

RMP 87-2027 REVISED FSAR FIG 9.4-1 TO SHOW COUNT ROOM HVAC MODIFICATIONS

RMP 87-2027 REVISED FSAR FIG 9.4-1 TO SHOW COUNT ROOM HVAC MODIFICATIONS. THE CHANGE PROVIDED ENHANCED ISOLATION OF THE COUNT ROOM FROM THE HOT LAB WHICH IS A SOURCE FOR AIRBORNE NOBLE GASES AND HIGH BACKGROUND COUNTS. THE CHANGE DID NOT AFFECT THE FRESH AIR SUPPLY TO AND FROM THE ROOM. CHANGES INCLUDED SHIFTING FROM AN EXHAUST DUCT TO A LOUVRED DOOR AND BETTER SEALINGS IN THE WALL OPENINGS BETWEEN THE TWO ROOMS. THE CHANGES DID NOT ALTER DESIGN FLOWS AND DID NOT ADVERSELY IMPACT PLANT SAFETY. (THIS CHANGE HAS BEEN PARTIALLY IMPLEMENTED).

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

10CFR50.59 ANNUAL REPORT SUMMARIES
OF UNION ELECTRIC APPROVED
WRITTEN SAFETY EVALUATIONS

REPORT SAFETY EVALUATION
ITEM ID
90 NE-90-0006

RFR NO.6684 REVISED FSAR FIGS 9.2-2,9.4-2 TO SHOW PIPING REPLACEMENT TO SS STEE

RFR NO.6684 REVISED FSAR FIGURES 9.2-2 AND 9.4-2 TO SHOW THE REPLACEMENT OF THE SPENT FUEL COOLING PUMP ROOM COOLER INLET AND OUTLET PIPING AND ASSOCIATED VALVES WITH STAINLESS STEEL. THE OLD CARBON STEEL COMPONENTS WERE PARTIALLY PLUGGED WITH CORROSION PRODUCTS AND THE COOLING WATER FLOWRATE WAS REDUCED. THE REPLACEMENT COMPONENTS DO NOT AFFECT SYSTEM INTEGRITY AND IMPROVES FLOW CHARACTERISTICS.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT SAFETY EVALUATION
ITEM ID
91 NE-90-0042

CMP 88-1039 PORTABLE RADIATION MONITOR CONNECTIONS.

CMP 88-1039 INSTALLATION OF CONNECTIONS AND ISOLATION VALVES TO INLET FOR RADIATION MONITORS GHRE10A AND GTRE21A. THESE MONITORS ARE CONNECTED TO UNIT VENT DUCTWORK AND RADWASTE BUILDING VENT DUCTWORK. MONITORS PERFORM NO SAFETY FUNCTION. REVISE FSAR FIGS 9.4-5, SHT2, AND 9.4-6, SHT4.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

10CFR50.59 ANNUAL REPORT SUMMARIES
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WRITTEN SAFETY EVALUATIONS

REPORT SAFETY EVALUATION
ITEM ID
92 NE-90-0061

CMP 90-1028, DIESEL GENERATOR ROOM SUPPLY FAN MOTOR CONTROL CIRCUIT

CMP 90-1028 ADDITION OF TIME DELAY RELAYS TO DIESEL GENERATOR ROOM SUPPLY FAN MOTOR CONTROL CIRCUITS. THE FOLLOWING DESIGN AND NUCLEAR SAFETY CONSIDERATIONS WERE ADDRESSED: SAFETY RELATED/SEISMIC QUALIFIED RELAY IS REQUIRED, VOLTAGE DROP/COIL PICKUP DURING DEGRADED VOLTAGE, CONTACT RATING, TIME SETTING SUFFICIENT TO PREVENT BREAKER TRIPPING AND MOTOR DAMAGE, HVAC NOT ADVERSELY IMPACTED, DIESEL GENERATOR LOAD SEQUENCING NOT IMPACTED, RELAY TOLERANCE AND REPEATABILITY ADDRESSED, CONTROL POWER TRANSFORMER AND FUSING ADEQUACY ADDRESSED, RELAY TEMPERATURE AND HUMIDITY REQUIREMENTS ADDRESSED. CHANGE TO FSAR FIG. 8.3-2.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT SAFETY EVALUATION
ITEM ID
93 NE-90-0062

RFR NO.8723 AS-BUILT CONFIGURATION OF AIR RELEASE VALVES

RFR NO.8723 AIR RELEASE VALVES VENT AIR FROM TURBINE GENERATOR HYDROGEN COOLERS AND SERVICE WATER SYSTEM PROCESS FLUID. RFR REVISES MEL, M22EA02, AND M23EA09 TO REFLECT AS-BUILT CONFIGURATION. AIR RELEASE VALVES ARE NON-SAFETY COMPONENTS.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

10CFR50.59 ANNUAL REPORT SUMMARIES
OF UNION ELECTRIC APPROVED
WRITTEN SAFETY EVALUATIONS

REPORT SAFETY EVALUATION
ITEM ID
94 NE-90-0073

RFR NO.8400 LAYDOWN AREA FOR CONTROL BUILDING HOISTING EQUIPMENT

RFR NO.8400 LAYDOWN AREA IN CONTROL BUILDING FOR HOISTING EQUIPMENT USED ON EF SYSTEM VALVES. MAJORITY OF HOISTING EQUIPMENT WILL BE SECURED BY LASHING TO COLUMNS. ANY MOVEMENT WHICH MAY OCCUR DURING A SEISMIC EVENT IS LIMITED AND ANY NEARBY SAFETY-RELATED EQUIPMENT IS NOT IMPACTED. BALANCE OF ITEMS CONSISTING MOSTLY OF SMALL BEAMS WILL BE LAID ADJACENT TO LASHED EQUIPMENT IN A MANNER ACCEPTABLE TO PLANT HOUSEKEEPING GUIDELINES. IF THESE ITEMS FALL, THERE IS NO CONCERN AS THERE IS NO AFFECTED SAFETY-RELATED EQUIPMENT LOCATED IN ABOVE BAYS. NO II/I CONCERN EXISTS. EQUIPMENT CANNOT FALL OR IMPAIR FUNCTION OF SAFETY-RELATED COMPONENTS DURING A SEISMIC EVENT. REVISE DWG M2G050.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT SAFETY EVALUATION
ITEM ID
95 NE-90-0077

RFR NO.8284 INTERNAL CONDUIT SEAL EVALUATION

RFR NO.8284 REVIEW TEST DATA FROM AN INTERNAL CONDUIT SEAL FIRE TEST PROGRAM TO DETERMINE CRITERIA A CONDUIT CONFIGURATION MUST MEET SO AS NOT TO REQUIRE AN INTERNAL CONDUIT SEAL AND STILL MAINTAIN 3-HOUR FIRE RATING. THIS EVALUATION DOES NOT CHANGE SPECIFICATIONS FOR INTERNAL CONDUIT SEALS. INTERNAL CONDUIT SEALS REQUIRED TO MAINTAIN THE 3-HOUR RATING SHOULD BE INCLUDED IN THE EXISTING FIRE BARRIER PENETRATION SEAL INSPECTION PROGRAM. REVISE QSP-ZZ-65046.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

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REPORT
ITEM
96

SAFETY EVALUATION
ID
NE-90-0086

RFR NO.8643 REVISE DWG M22AP01

RFR NO.8643 REVISE DWG M22AP01 TO CHANGE VALVE POSITION OF APV005 FROM OPEN TO CLOSED. REVISION TO DWG DOES NOT CONSTITUTE MODIFICATION TO PLANT. FSAR FIG 9.2-12 REVISED.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT
ITEM
97

SAFETY EVALUATION
ID
NE-90-0092

RMP 89-2003 INSTALLATION OF DRAIN PIPE TO SFP SKIMMER DEAERATING COLUMN

RMP 89-2003 THE PIPING AND ASSOCIATED PORTION OF EC SYSTEM PERFORM NO SAFETY FUNCTION NOR HAVE ANY TECHNICAL SPECIFICATION REQUIREMENTS. INSTALLATION DOES NOT INVALIDATE SEISMIC ANALYSIS OF AFFECTED PIPING. DRAIN PIPE MEETS ANSI B31.1 AND ALARA SPEC Z-1019.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT
ITEM
98

SAFETY EVALUATION
ID
NE-90-0098

CHP 89-1016 MODIFICATION OF AIR START SKID FOR DIESEL GENERATORS

CHP 89-1016 MODIFICATION WILL NOT AFFECT SAFETY RELATED PORTIONS OF AIR SKID. INCREASING SETPOINT OF AIR COMPRESSOR RELIEF VALVE AND INSTALLING A RELIEF VALVE DOWNSTREAM OF PULSATION DAMPENER WILL NOT MODIFY THE SAFETY RELATED AIR RECEIVER INTERNAL PRESSURE.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

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REPORT
ITEM
99

SAFETY EVALUATION
ID
NE-90-0101

CMP 87-1033 REPLACEMENT OF NITROGEN BACK UP GAS SUPPLY SYSTEM RELIEF VALVES

CMP 87-1033 NEW VALVES MEET ALL FUNCTIONAL REQUIREMENTS ASSOCIATED WITH EXISTING VALVES. NEW VALVES QUALIFIED TO ENVIRONMENTAL AND SEISMIC CONDITIONS IN EXCESS OF THOSE ASSUMED FOR NORMAL AND ABNORMAL/ACCIDENT CONDITIONS.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT
ITEM
100

SAFETY EVALUATION
ID
LF-90-0067

RFR NO.8558 USE OF TEMPERATURE MONITORING LABELS IN CONTAINMENT

RFR NO.8558 TEMPERATURE MONITORING STRIPS FOR USE INSIDE CONTAINMENT DURING CYCLE 5 WILL PROVIDE PRELIMINARY DATA WHICH WILL BE USED IN THE CALLAWAY PLANT LIFE EXTENSION PROGRAM STUDIES.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

10CFR50.59 ANNUAL REPORT SUMMARIES
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REPORT
ITEM
101

SAFETY EVALUATION
ID
LF-91-0004

RFR NO.7558 RELOAD 4

RFR NO.7558 AN EVALUATION OF CYCLE 5 DESIGN INDICATES THAT THERE ARE NO VIOLATIONS OF ANY SAFETY LIMITS FOR ANY ACCIDENT; THUS, THERE IS NO REDUCTION IN THE MARGIN OF SAFETY. SINCE THE RELOAD 4 FUEL ASSEMBLIES ARE OF A DESIGN EQUIVALENT TO THAT USED PREVIOUSLY AT CALLAWAY, THERE IS NO INCREASE IN THE PROBABILITY OF OCCURENCE OR THE CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY PREVIOUSLY EVALUATED FOR CALLAWAY AND APPROVED BY THE NRC. IN ADDITION, THE PROBABILITY FOR AN ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE THAN ANY PREVIOUSLY EVALUATED IN THE SAFETY ANALYSIS HAS NOT BEEN CREATED. THE FOLLOWING FSAR CHANGE NOTICES HAVE BEEN INITIATED AS A RESULT OF RELOAD 4 ACTIVITIES: CN 90-27 AND CN 90-28.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT
ITEM
102

SAFETY EVALUATION
ID
NE-85-0043

CMP 84-05-42 ADDED PERMANENT SUPPLY TO CLEARWELL AND POTABLE WATER

CMP 84-05-42 ADDED DEEPWELL NO.3 AS PERMANENT SUPPLY TO CLEARWELL AND POTABLE WATER. THIS CMP INCORPORATED THE CHANGES MADE BY TEMP MODS TO PERMANENT PLANT CHANGES.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

10CFR50.59 ANNUAL REPORT SUMMARIES
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REPORT	SAFETY EVALUATION
ITEM	ID
103	NE-90-0091

RMP 89-2006 MODIFICATION OF VENT/OVEFLOW PIPE OF ACID DAY TANK

RMP 89-2006 ACID DAY TANK AND VENT LINE ARE NON-SAFETY RELATED AND ARE NOT REQUIRED TO PERFORM ANY SAFETY-RELATED FUNCTION DURING AN ACCIDENT. MODIFIED OVERFLOW LINE WILL BE DESIGNED TO SAME SPECIFICATION AS ORIGINAL LINE.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT	SAFETY EVALUATION
ITEM	ID
104	NE-90-0102

CMP 87-1012 REPLACEMENT OF EVAPORATOR BOTTOMS TRANSFER PUMPS

CMP 87-1012 NEW PUMS ARE SIZED USING CURRENT CAPACITIES, MATERIALS AND SERVICE CONDITIONS. SOLID RADWASTE SYSTEM AS DESCRIBED IN FSAR REMAINS UNCHANGED. CURRENT POWER FEED CAPACITY IS NOT EXCEEDED BY INCREASING MOTOR HORSEPOWER. PIPING SUPPORT SYSTEM CAPACITY REMAINS UNCHANGED.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

10CFR50.59 ANNUAL REPORT SUMMARIES
OF UNION ELECTRIC APPROVED
WRITTEN SAFETY EVALUATIONS

REPORT SAFETY EVALUATION
ITEM ID
105 NE-91-0001

ETP-EG-ST003,REV 0 TESTING ON CCW ISOLATION VALVES

ETP-EG-ST003,REV 0 THIS NEW PROCEDURE DETERMINES THE AMOUNT OF THRUST NEEDED TO OPEN AND CLOSE THE CCW TO POST ACCIDENT SAMPLING STATION SAMPLE COOLERS ISOLATION VALVES UNDER DIFFERENTIAL PRESSURE CONDITIONS. TESTING WILL TECHNICALLY MAKE VALVES INOPERABLE WITH REGARDS TO ACTUATION. HOWEVER, PASS SYSTEM WILL BE ISOLATED FROM OPERATING CCW TRAIN FOR DURATION OF TEST. THEREFORE, THESE VALVES ARE NO LONGER REQUIRED FOR PASS ISOLATION. OPERABILITY OF B TRAIN WILL BE RESTORED WITHIN 72 HOURS IN ACCORDANCE WITH TECH SPECS. ALL VALVES MAINTAIN THEIR PRESSURE BOUNDARY DURING TESTING. ADEQUATE COOLING OF SPENT FUEL POOL WILL BE ENSURED BY 'A' TRAIN FUEL POOL COOLING HEAT EXCHANGER.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT SAFETY EVALUATION
ITEM ID
106 NE-91-0002

OSP-BB-VL007,REV 0 RCS COLD LEG CHECK VALVE CLOSURE TEST

OSP-BB-VL007,REV 0 THIS NEW PROCEDURE GOVERNS FLUSHING AND QUANTIFICATION OF LEAKAGE PAST RCS ISOLATION VALVES IN MODE 3. TEMPORARY WAIVER OF COMPLIANCE FROM TECH LCO 3.5.1.B ACTION STATEMENT WILL BE REQUIRED TO PERFORM THIS TEST. FLUSHING WILL BE PERFORMED IN MODE 3 BELOW 1000 PSIG WHERE THE LCO IS NOT APPLICABLE. A TEMPORARY WAIVER OF COMPLIANCE WITH ECCS SAFETY DESIGN BASIS 3 IS NECESSARY TO PERFORM THE TEST. THE DURATION OF THE WAIVER IS IN THE 6-HOURS OF TECH SPEC 3.5.1.B. FLUSHING WILL BE PERFORMED IN MODE 3 BELOW 1000 PSIG WHEN ACCUMULATORS ARE NOT REQUIRED OPERABLE. ALL OTHER ECCS SAFETY DESIGN BASES ARE COMPLIED WITH, SATISFIED, OR UNAFFECTED BY THIS TEST. DESIGN BASES OF RHR SYSTEM GIVEN IN FSAR SECTION 5.4.7 ARE UNAFFECTED.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

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REPORT SAFETY EVALUATION
ITEM ID
107 NE-91-0005

RFR NO.8802 REVISE DWGS M22GT01 AND M22GH02

RFR NO.8802 REVISE DWGS M22GT01 AND M22GH02 TO CORRECTLY DEPICT NORMAL OPERATING POSITIONS OF VALVES GTV0223/228, GHVV0736/739. DISPOSITION DOES NOT CONSTITUTE CHANGE TO DESIGN OF FACILITY. FSAR FIGS 9.4-5 AND -6 REVISED.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT SAFETY EVALUATION
ITEM ID
108 NE-88-0093

CMP 87-1059 REVISED FSAR SECTION 12.5 TO REFLECT CHANGES TO HEALTH PHYSICS AREA

CMP 87-1059 REVISED FSAR SECTION 12.5 AND FIG 12.5-1 TO REFLECT CHANGES IN THE HEALTH PHYSICS ACCESS CONTROL AREA OF THE CONTROL BUILDING. THE CHANGES INCLUDED INSTALLATION OF WALLS, RAISED FLOORS, FIRE PROTECTION, AND ELECTRICAL WORK. THE WORK WAS PERFORMED WITH SEISMIC II/I, SEPARATION GROUPING, AND FIRE PROTECTION AND DETECTION CONCERNS ADDRESSED. (THIS CHANGE HAS BEEN PARTIALLY IMPLEMENTED.)

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

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REPORT SAFETY EVALUATION
ITEM ID
109 NE-90-0041

CMP 87-1057 TRANSMITTER REPLACEMENT ON EVAPORATOR BOTTOMS TANK.

CMP 87-1057 REMOVAL OF ULTRASONIC LEVEL TRANSMITTERS ON SOLID RADWASTE SYSTEM EVAPORATOR BOTTOMS TANKS AND REPLACEMENT WITH RTD INTERFACE DETECTORS THAT WILL PROVIDE HIGH LEVEL ALARM ONLY. ALSO, REPLACEMENT OF EXISTING REMOTE MOUNTED ROSEMOUNT TRANSMITTER WITH TANK MOUNTED EXTENDED DIAPHRAGM TRANSMITTERS. EVAPORATOR BOTTOMS TANKS AND ASSOCIATED INSTRUMENTATION HAVE NO SAFETY DESIGN BASES. FUNCTION OF SOLID RADWASTE SYSTEM IS NOT ALTERED. DELETION OF REDUNDANT LEVEL INDICATION, LOW LEVEL ALARM, AND RECIRC PUMP INTERLOCK DOES NOT VIOLATE ANY DESIGN BASIS. LEVEL SETPOINTS NOT CHANGED EXCEPT FOR CORRECTION OF DISCREPANCY BETWEEN J-U8000 AND TANK DATA BOOK. REVISE FSAR FIG 11.4-1, SHT. 1.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT SAFETY EVALUATION
ITEM ID
110 NE-90-0089

EMP 89-3010 ADDITION OF ISOLATION VALVE TO CONDENSATE CLEAN-UP SYSTEM

EMP 89-3010 THE CONDENSATE POLISHER REGENERATION SYSTEM PROVIDES RENEWABLE RESIN BED CAPABILITY FOR POWER GENERATION CHEMISTRY AND DOES NOT PERFORM ANY SAFETY FUNCTION. ADDITIONALLY, NEW VALVING WILL NOT INTRODUCE AN INCREASE IN PRESSURE DROP TO AFFECT METERING PUMP OPERATION. FSAR FIG 10.4-5 REVISED.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

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REPORT SAFETY EVALUATION
ITEM ID
111 NE-91-0003

RFR NO.8809 AFP TURBINE VIBRATION PROBES

RFR NO.8809 THE AFP TURBINE VIBRATION PROBES HAVE NEVER BEEN USED FOR VITAL INDICATION AND ARE NOT REQUIRED FOR OPERATION OF THE TURBINE. THE PROBES ONLY FUNCTION IS TO PREVENT OIL FROM LEAKING OUT OF THE BEARING CASING. THEREFORE, REPLACING PROBES WITH PLUGS WILL NOT IMPACT SAFETY. REVISE FSAR FIG. 10.4-10.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT SAFETY EVALUATION
ITEM ID
112 NE-90-0065

RFR NO.8577 ACCEPTANCE OF ITE/SIEMANS CIRCUIT BREAKERS

RFR NO.8577 BREAKERS ARE SUPPLIED IN ACCORDANCE WITH UE SPECIFICATION, AND ALL TEST PLANS AND TEST REPORTS HAVE BEEN APPROVED "CODE 1." HOWEVER, IEEE 344-(1987) WAS USED AS BASIS FOR CODE 1 APPROVAL BUT IS NOT WITHIN CURRENT COMMITMENTS OF FSAR SECTION 3.10(B). SINCE IEEE 344-(1987) HAS BEEN ENDORSED BY NRC, AND ITS USE WILL ONLY BE ALLOWED ON A CASE BY CASE BASIS, THERE IS NO ADVERSE EFFECT ON SAFETY. FSAR CN 90-66 WILL REVISE FSAR.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

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REPORT	SAFETY EVALUATION
ITEM	ID
113	NE-91-0006

GTN-AE-00001, REV 11 REVISED NORMAL OPERATING PROCEDURE

GTN-AE-00001, REV 11 REVISED NORMAL PROCEDURE TO INCLUDE STEPS TO CHECK FOR LEAKBY OF HYDRAULIC CHECK VALVE AND INCORPORATE TCMS. THE INABILITY TO CLOSE ONE MAIN FEEDWATER ISOLATION VALVE HAS BEEN EVALUATED IN TS 3.7.1.6. TESTS WILL NOT AFFECT OTHER SAFETY RELATED EQUIPMENT.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT	SAFETY EVALUATION
ITEM	ID
114	NE-91-0009

RFR NO.8816 USED PIPE NIPPLES AND CAPS IN CASING DRAINS FOR SLW DRAIN PUMPS

RFR NO.8816 USED PIPE NIPPLES AND CAPS IN CASING DRAINS FOR SECONDARY LIQUID WASTE DRAIN COLLECTOR TANK PUMPS. THIS IS A MINOR, NONSAFETY-RELATED CHANGE. FSAR DWG M22NF01 WAS MODIFIED.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

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REPORT
ITEM
115

SAFETY EVALUATION
ID
NE-90-0036

EMP 88-3034 DELETED FSAR FIG 18.3.2-3 WITH RENOVATION OF SERVICE BUILDING

EMP 88-3034 DELETED FSAR FIG 18.3.2-3 WITH THE RENOVATION OF THE SERVICE BUILDING FOR MORE EFFICIENT USE OF EXISTING SPACE. THE EMERGENCY OPERATIONS SUPPORT CENTER REMAINS IN THE SERVICE BUILDING, BUT THIS FSAR FIGURE DUPLICATES FIGURES MAINTAINED IN THE RADIOLOGICAL EMERGENCY RESPONSE PLAN (RERP). DELETING THE FSAR FIG DOES NOT ADVERSELY IMPACT PLANT SAFETY. (MODIFICATIONS TO THE SERVICE BUILDING HAVE BEEN PARTIALLY IMPLEMENTED.)

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.

REPORT
ITEM
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SAFETY EVALUATION
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NE-90-0044

CHP 90-1049 INSTALLATION OF NEW TELEPHONE SYSTEM

CHP 90-1049 INSTALLATION OF NEW TELEPHONE SYSTEM. ALL CONDUIT AND TERMINAL BOXES WILL BE FIELD LOCATED SO AS NOT TO CREATE ANY SEPARATION VIOLATIONS. CONDUIT IN CONTROL BUILDING WILL BE SUPPORTED II/I. REVISE FSAR FIG 9.5.2-1.

PURSUANT TO THE ABOVE INFORMATION, THE CHANGE DOES NOT INVOLVE AN INCREASE IN PROBABILITY OF OCCURENCE OR CONSEQUENCES OF AN ACCIDENT OR MALFUNCTION OF EQUIPMENT IMPORTANT TO SAFETY OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR CREATE POSSIBILITY FOR ACCIDENT OR MALFUNCTION OF A DIFFERENT TYPE OVER PREVIOUS EVALUATIONS IN THE SAFETY ANALYSIS REPORT; OR REDUCE THE MARGIN OF SAFETY AS DEFINED IN THE BASIS FOR ANY TECHNICAL SPECIFICATION.

THE EVALUATION DETERMINED THAT AN UNREVIEWED SAFETY QUESTION DID NOT EXIST.