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November 1, 1994

U. S. Nuclear Regulatory Commission  
Washington, DC 20555

ATTENTION: Document Control Desk

SUBJECT: Calvert Cliffs Nuclear Power Plant  
Unit Nos. 1 & 2; Docket Nos. 50-317 & 50-318  
Report of Changes, Tests and Experiments - 10 CFR 50.59

In accordance with 10 CFR 50.59(b)(2), Baltimore Gas and Electric Company hereby submits a report containing brief descriptions of changes, tests, and experiments approved under the provisions of 10 CFR 50.59. This report includes 50.59 evaluations approved during the 11-month period from November 1, 1993 to September 30, 1994.

Items in the report are sorted by 50.59 identification number.

Should you have any questions regarding this matter, we will be pleased to discuss them with you.

Very truly yours,

RED/NH/dlm

Attachment: Calvert Cliffs Nuclear Power Plant Report of Changes, Tests, and Experiments  
[10 CFR 50.59(b)(2)]

cc: (Without Attachment)  
D. A. Brune, Esquire  
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ATTACHMENT

CALVERT CLIFFS NUCLEAR POWER PLANT

REPORT OF CHANGES, TESTS, AND EXPERIMENTS

[10 CFR 50.59(b)(2)]

CONTRCL DATE: 10/27/1994  
CONTROL TIME: 09:03

NORMS RECCRDS MANAGEMENT SYSTEM  
RECORDS RESULTS OF SEARCH REPORT  
STANDARD NCR REPORT  
FOR RICHARDSON, TAMMY B.

PROGRAM NAME: VP0401SE  
PAGE: 3

RECORD ID	REV	REC STATUS	COMMENTS
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90-B-011-080-R00	38		
RECORD DATE: 01/19/1994			
SUBJECT:			
OTHER REF:			
CNTL REF: 90-0001-0311			
ASSOC REC:			
TEXT: TEXT TYPE:			

PROPOSED ACTIVITY:

THE PROPOSED ACTIVITY ADDS A SAMPLE CONNECTION TO EACH OF THE FOUR SERVICE WATER HEAT EXCHANGERS. THE SAMPLE CONNECTION WILL BE ON THE SALT WATER SIDE AT THE DISCHARGE END OF THE SRW HX. THE SAMPLE CONNECTION WILL BEGIN AT AN UNUSED 3/4" DRAIN LINE PENETRATION ON THE CHANNEL HEAD OF THE SRW HX AND WILL TAP INTO AN EXISTING 3/4" DRAIN LINE OFF OF THE HEAT EXCHANGER. THIS MODIFICATION WILL INSTALL ON EACH SRW HX A MARK 65 GATE VALVE, AND APPROXIMATELY 3 FEET OF 3/4" DIAMETER RED BRASS PIPE ALONG WITH A VARIETY OF PIPE FITTINGS.

90-B-024-156-R04	38		
RECORD DATE: 02/16/1994			
SUBJECT:			
OTHER REF:			
CNTL REF:			
ASSOC REC: 93-1125		93-1124	
TEXT: TEXT TYPE:			

PROPOSED ACTIVITY:

CHANGES 93 1124 AND 93 1125 ARE MADE TO OI 27C, 4.16 KV SYSTEM AND AOP 71, LOSS OF 4 KV 480 VOLT OR 208 / 120 VOLT INSTRUMENT BUS POWER, TO ALLOW USING EDG 12 TO POWER 4.16 KV BUS 14 AND SELECTED LOADS ON BUS 24 BY DEFEATING THE KIRK KEY INTERLOCKED ISOLATING DISCONNECT SWITCH AND MANUALLY CONTROL LOAD MANAGEMENT ON EDG 12.

THE OBJECTIVE OF THE ACTIVITY IS TO ESTABLISH THE PROPER STEPS TO A PROCEDURE TO ALLOW RESTORATION OF A / C UNITS NO. 12 IN THE MAIN CONTROL ROOM AFTER LOSS OF CONTROL ROOM A / C UNIT NO. 11 DUE TO FAILURE OF THE A / C UNIT OR FAILURE OF DG 11 AFTER A LOSS OF OFFSITE POWER TO BOTH UNITS.

91-B-074-034-R01	38		
RECORD DATE: 03/10/1994			

CONTROL DATE: 10/27/1994  
CONTROL TIME: 09:03

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SUBJECT: REVISE REVISION 0  
OTHER REF:  
CNTL REF: 90-0147  
ASSOC REC:  
TEXT: TEXT TYPE:

REVISION 1 HAS BEEN PREPARED TO:

DELETE THE REFERENCE TO RELIEF VALVES 1 RV 63 18 AND  
2-RV-6318 LIFT PRESSURE. THE 175 PSIG LIFT PRESSURE  
IN THE REV 0 50.59 REFLECTED AN FCR 90 - 147 DESIGN  
CONSIDERATION. THE 175 PSIG LEFT PRESSURE WAS CHANGED  
DURING THE FCR DEVELOPMENT BUT THE 50.59 WAS NOT UPDATED.  
REFERENCE TO THE LIFT PRESSURE IS BEING DELETED FROM THE  
50.59 SINCE THIS LEVEL OF DETAIL BELONGS IN THE FCR, NOT THE  
50.59.

ADD A REFERENCE TO THE RELIEF VALVE IN THE PROBABILITY OF  
MALFUNCTION SECTION.  
ADD A SAFETY EVALUATION SUMMARY.

91-B-999-064-R02

38

RECORD DATE: 12/28/1993  
SUBJECT: MODIFY THE UFSAR REQUIREMENTS FOR THE FOUR WATER TIGHT DOORS LEADING  
          INTO THE UNIT 1 AND 2 MAIN STEAM PENETRATION ROOMS  
OTHER REF:  
CNTL REF: 91-0259  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS ACTIVITY WILL MODIFY THE UFSAR REQUIREMENTS FOR THE FOUR  
WATERTIGHT DOORS -- 309, 333, 317, AND 332 -- LEADING INTO THE  
THE UNIT 1 AND 2 MAIN STEAM PENETRATION ROOMS. PRESENTLY THE UFSAR  
NOTES THAT THESE DOORS ARE "LOCKED CLOSED AND ALARMED" WHEN THEY ARE  
ACTUALLY DOGGED CLOSED AND MONITORED AT LEAST EVERY 12 HOURS  
PER TECH SPECIFICATION.

91-B-999-064-R03

38

RECORD DATE: 09/28/1994  
SUBJECT: MODIFY THE UFSAR REQUIREMENTS FOR THE FOUR WATERTIGHT DOORS 309, 333,  
          317, AND 332, LEADING INTO UNIT 1 & 2 MAIN STEAM PENETRATION ROOMS.  
OTHER REF:  
CNTL REF: 91-0259



CONTROL DATE: 10/27/1994  
CONTROL TIME: 09:03

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ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS ACTIVITY WILL MODIFY THE UFSAR REQUIREMENTS FOR THE FOUR WATERTIGHT DOORS -- 309, 333, 317, AND 332 -- LEADING INTO THE UNIT 1 AND 2 MAIN STEAM PENETRATION ROOMS. PRESENTLY THE UFSAR (SECTION 10 A.1 .15) NOTES THAT THESE DOORS ARE "LOCKED CLOSED AND ALARMED" WHEN THEY ARE ACTUALLY DOGGED CLOSED AND MONITORED AT LEAST EVERY 12 HOURS PER TECHNICAL SPECIFICATION (TS) 3/4 .7 .10.

92-B-024-016-R04

38

RECORD DATE: 02/02/1994

SUBJECT:

OTHER REF:

CNTL REF:

ASSOC REC: 94-2004

94-2010

TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

CHANGES 94 2010 AND 94 2004 ARE MADE TO OI-27C, 4.16 KV SYSTEM, AND AOP-3F, LOSS OF OFFSITE POWER MODES 3, 4, 5 6, TO ALLOW USING EDG 12 TO POWER 4.16KV BUS 21 AND SELECTED LOADS ON BUS 11 BY DEFEATING THE KIRK KEY INTERLOCKED ISOLATING DISCONNECT SWITCH AND MANUALLY CONTROLLED LOAD LOAD MANAGEMENT ON EDG 12.

THE OBJECTIVES OF THIS ACTIVITY ARE 1) TO ESTABLISH THE PROPER STEPS FOR A PROCEDURE FOR RESTORATION OF A/C UNITS NO. 11 IN THE MAIN CONTROL ROOM AFTER LOSS OF CONTROL ROOM A/C UNIT NO. 12 DUE TO FAILURE OF THE A/C UNIT OR FAILURE OF DG 21 AFTER A LOSS OF OFFSITE POWER TO BOTH UNITS.

WHILE DG 12 IS POWERING BOTH BUSES 11 AND 21 SHOULD A ACTIVITY OF SHORT TIME DURATION REQUIRE EQUIPMENT NOT IDENTIFIED ABOVE BE POWERED BY BUS 11, A SENIOR REACTOR OPERATOR CAN DIRECT REMOVAL OF A EQUIVALENT OR GREATER LOAD FROM EITHER BUSES 11 OR 21 FOR THE REQUIRED PERIOD OF TIME TO PERFORM THE ACTIVITY. AFTER THE ACTIVITY IS COMPLETED, THE OPERATOR CAN PLACE THE ORIGINAL EQUIPMENT BACK INTO OPERATION. THE OPERATOR IS NOT TO LOAD DIESEL GENERATOR 12 BEYOND 3000 KW.

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92-B-041-053-R01	38		
RECORD DATE: 11/18/1993			
SUBJECT: REPLACE VOLUME CONTROL TANK LEVEL TRANSMITTERS			
OTHER REF:			
CNTL REF: 91-041-037-03	60256SH0001	62256SH0001	
ASSOC REC:			
TEXT: TEXT TYPE:			

PROPOSED ACTIVITY:

MCR 91 041 037 REVISION 3 REPLACES THE EXISTING VOLUME CONTROL TANK LEVEL TRANSMITTERS WITH ROSEMOUNT 1151 TRANSMITTERS WITHOUT DIAPHRAGM SEALS. UNIT 2 HAS BEEN MODIFIED TO USE A ROSEMOUNT TRANSMITTER WITH DIAPHRAGM SEALS AND THIS MCR REVISION WILL REMOVE THE DIAPHRAGM SEALS ON UNIT 2. ALSO UNIT 1 STILL HAS A FISCHER & PORTER TRANSMITTER INSTALLED BUT THIS MCR REVISION WILL PROVIDE A ROSEMOUNT TRANSMITTER WITHOUT DIAPHRAGM SEALS FOR UNIT 1. UFSAR FIGURE 9 - 3 AND FIGURE 9 - 24B NEED TO BE REVISED TO REMOVE THE DIAPHRAGM SEALS ADDED BY MCR 91 041 037 REV. 0. NOTE THE ISOLATION VALVES WERE ADDED PER MCR 91 041 037 REV. 0 TO ISOLATE THE TRANSMITTER FROM THE PROCESS FOR MAINTENANCE PURPOSES. TO EVALUATE THE REMOVAL OF THE DIAPHRAGM SEALS ADDED BY AN EARLIER REVISION OF THIS MCR, A REVISED 50.59 SAFETY EVALUATION HAS BEEN WRITTEN.

92-B-042-066-R01	39		
RECORD DATE: 12/15/1993			
SUBJECT:			
OTHER REF:			
CNTL REF:			
ASSOC REC:			
TEXT: TEXT TYPE:			

PROPOSED ACTIVITY:

THIS ACTIVITY ALLOWS THE TEMPORARY OPENING OF SEALED INTAKE STRUCTURE PENETRATIONS (I. E. REMOVAL OF BLIND FLANGES, MANWAYS, PUMPS). THE ONLY EXCEPTIONS ARE THOSE PENETRATIONS COVERED BY TECHNICAL SPECIFICATIONS.

92-B-064-005-R00	38		
RECORD DATE: 11/10/1993			
SUBJECT:			
OTHER REF:			
CNTL REF: 90-0137-01			

CONTROL DATE: 10/27/1994  
CONTROL TIME: 09:03

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ASSOC REC:

TEXT: TEXT TYPE:

MODIFIES THE NARROW RANGE PRESSURIZER PRESSURE INSTRUMENTATION LOOPS:  
PROVIDE A VARIABLE LOW TEMPERATURE OVER PRESSURE PROTECTION PORV TRIP  
SETPOINT. RETAIN THE CURRENT SINGLE SETPOINT LTOP CAPABILITY, USING  
DIFFERENT EQUIPMENT. REARRANGE THE EXISTING ENABLE AND DISABLE MPT  
PROTECTION ALARMS ON PANEL 1C06 TO MATCH CHANGES MADE TO THE CORRESPONDING  
UNIT 2 ALARM WINDOWS BECAUSE OF HARDWARE PROBLEMS, AND INSTALL TWO NEW LTOP  
PRETRIP ALARMS.

REASON: INSTALLS THE HARDWARE AND MICROPROCESSORS NECESSARY TO USE A  
VARIABLE PORV SETPOINT DURING LOW TEMPERATURE OPERATION, WHILE RETAINING  
THE SINGLE LTOP SETPOINT CAPABILITY.

92-B-064-005-R01

38

RECORD DATE: 05/16/1994

SUBJECT: MODIFY THE NARROW RANGE PRESSURE INSTRUMENTATION LOOP

OTHER REF:

CNTL REF: 90-0137-07

ASSOC REC:

TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS ACTIVITY MODIFIES THE NARROW PRESSURIZER PRESSURE  
INSTRUMENTATION LOOPS TO:

PROVIDE A VARIABLE LOW TEMPERATURE OVER PRESSURE PROTECTION  
TRIP SETPOINT.

RETAIN THE CURRENT SINGLE SETPOINT LTOP CAPABILITY.

REARRANGE EXISTING ENABLE AND DISABLE MPT PROTECTION ALARMS

REPLACE EXISTING PIC 103, 103 - 1 WITH DIGITAL / BARGRAPH SETPOINT  
PRESSURE INDICATOR.

PROVIDE A VLTOP DIGITAL / BARGRAPH SETPOINT INDICATOR FOR  
EACH CHANNEL FOR INDICATING THE VARIABLE SETPOINT.

REVISE THE SETPOINT AND LEGEND FOR THE EXISTING LTOP  
PRE TRIP ALARM WINDOW. THE ALARM WILL BE USED AS A  
SHUTDOWN COOLING HIGH PRESSURE ALARM.

92-B-069-008-R01

38

CONTROL DATE: 10/27/1994  
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RECORD DATE: 09/28/1994  
SUBJECT: ADDITION OF VACUUM BREAKER VALVES TO THE ATMOSPHERIC VENT LINES  
          LOCATED AT ON TOP OF THE #11 AND 12 REACTOR COOLANT W R T S  
OTHER REF:  
CNTL REF: 91-069-005-01  
ASSOC REC:  
TEXT: TEXT TYPE:  
      PROPOSED ACTIVITY:

THIS MCR PROVIDES THE ENGINEERING FOR THE ADDITION  
OF VACUUM BREAKER VALVES TO THE ATMOSPHERIC VENT LINES  
LOCATED ON TOP OF THE NUMBER 11 AND 12 REACTOR COOLANT  
WASTE RECEIVER TANKS. PER THE Q-LIST, THE SUBJECT  
TANK VENTS ARE NON SAFETY RELATED (NSR), BUT ARE  
CLASSIFIED AS AQ-WPS REQUIRING SEISMIC CATEGORY 1 DESIGN

92-B-069-148-R01

38

RECORD DATE: 05/11/1994  
SUBJECT: VALVE CANNOT BE MOVED AS ORIGINAL PLANNED IN PREVIOUS REVISION  
OTHER REF:  
CNTL REF: 92-069-001-01  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THE ORIGINAL REVISION OF THIS SAFETY EVALUATION EVALUATED  
THE REMOVAL OF WASTE GAS VALVE 0 WGS 690 IN ADDITION TO  
VALVES 0 WGS 686, 688, AND 689. IT HAS BEEN DETERMINED IN  
THE FIELD THAT 0 WGS 690 WILL NOT BE ABLE TO BE REMOVED DUE  
TO PHYSICAL CONSTRAINTS OF THE VALVE LOCATION. IN LIEU OF  
REMOVAL 0 WGS 690 WILL BE RETIRED IN PLACE. THIS WILL NOT  
AFFECT THE CONCLUSIONS OF THE ORIGINAL EVALUATION.

92-B-102-167-R01

38

RECORD DATE: 08/02/1994  
SUBJECT: REVISION 1 TO PREVIOUS 50.59 IS TO MAKE AN UFSAR CHANGE.  
OTHER REF:  
CNTL REF: 89-0176  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED REVISION:

THE ACTIVITY COVERED BY THIS 50.59 EVALUATION IS THE UPGRADE

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OF THE EXISTING SECURITY SYSTEM, WHICH INCLUDES THE REPLACEMENT  
OF THE SOUTH PROCESSING BUILDING (FORMERLY KNOWN AS THE  
SECURITY PROCESSING BUILDING) WITH A NEW NUCLEAR SECURITY FACILITY  
(NSF). THE NSF WILL HOUSE THE NEW SECURITY COMPUTER SYSTEM, VIDEO  
SWITCHGEAR, SECONDARY ALARM STATION (SAS), ADMINISTRATIVE OFFICES,  
STAFF SUPPORT FUNCTION (E.G., MANAGERS' OFFICES, WEIGHT ROOM,  
REST ROOMS), AND SECURITY SCREENING. THE CURRENT PERIMETER MICROWAVE  
/ INFRARED / VIBRATION INTRUSION DETECTION SYSTEMS AND THE CLOSED  
CIRCUIT TELEVISION SYSTEM WILL BE REPLACED WITH NEW EQUIPMENT. THE  
PROTECTED AREA BOUNDARY WILL BE EXPANDED AND UPGRADED. AN OFFSITE  
POWER SYSTEM FOR THE NEW SECURITY SYSTEM WILL BE PROVIDED AND WILL  
INCLUDE AN UNINTERRUPTIBLE POWER SOURCE AND A STANDBY  
DIESEL GENERATOR. UFSAR FIGURES 1 - 2, 9 - 22, AND  
9 - 22 E WILL BE REVISED TO REFLECT CHANGES FROM THE  
RELOCATION OF THE PROTECTED AREA BOUNDARY, CONSTRUCTION  
OF THE NSF, AND THE ADDITION OF A LINE AND ISOLATION  
VALVE ON THE TIE - IN ON THE OUTSIDE FIRE PROTECTION  
SYSTEM FOR THE FUTURE PLANT OFFICE FACILITY (POF) SPRINKLER  
SYSTEM.

92-2-009-156-R00

38

RECORD DATE: 04/25/1994  
SUBJECT: REMOVES THE BAY TIDE LEVEL RECORDER  
OTHER REF:  
CNTL REF: 93-009-010-00  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THE PROPOSED ACTIVITY REMOVES THE BAY TIDE LEVEL RECORDER,  
ASSOCIATED POWER, TUBING, TRANSMITTER AND MOUNTING PEDESTAL.  
THE RECORDER REQUIRED TWO "T" CONNECTIONS TO THE  
INSTRUMENT AIR

93-B-003-146-R00

38

RECORD DATE: 11/08/1993  
SUBJECT: INSTALLS 13.8 KV VOLTAGE REGULATORS  
OTHER REF:  
CNTL REF: 88-0094      88-0094-03  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

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1. THE INSTALLATION OF THE REGULATORS, MANUAL LOAD INTERRUPTER TRANSFER SWITCHES CABLES, CABLE TRAYS AND SUPPORTS, STEEL FRAMING FOR FIRE PROTECTION PIPING AND CABLE TRAYS, AND LOCAL / REMOTE ANNUNCIATION
2. THE MODIFICATION OF THE EXISTING 13.8 KV SWITCHGEAR.
3. OPERATION OF THE REGULATORS AND TRANSFER SWITCHES IN THE BYPASS MODE.

93-B-003-146-R01      38  
RECORD DATE: 03/18/1994  
SUBJECT:  
OTHER REF:  
CNTL REF: 88-0094  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

INSTALLS 13.8 KV VOLTAGE REGULATORS AND TRANSFER SWITCHES AT CALVERT CLIFFS SITE TO PROVIDE BG & E WITH THE CAPABILITY OF REGULATING PLANT AUXILIARY POWER DISTRIBUTION SYSTEM VOLTAGE.

93-B-011-151-R00      39  
RECORD DATE: 12/15/1993  
SUBJECT: INSTALL TEMPERATURE TEST POINTS IN THE 8" SERVICE WATER SUPPLY LINES.  
OTHER REF:  
CNTL REF: 93-011-016-00  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS ACTIVITY PROPOSES TO INSTALL TEMPERATURE TEST POINTS (THERMOWELLS) IN THE 8" SERVICE WATER SUPPLY LINES TO THE CONTAINMENT AIR COOLERS UPSTREAM OF THE ASSOCIATED CONTAINMENT PENETRATIONS. THIS ACTIVITY INSTALLS THERMOWELL ASSEMBLIES CONSISTING OF THERMOWELLS AND THREADED HALF COUPLINGS. THE HALF COUPLINGS ARE WELDED TO THE SRW PIPING, AND THE THERMOWELLS ARE THREADED AND SEAL WELDED INTO THE HALF COUPLINGS. THIS PROPOSED ACTIVITY MODIFIES THE SRW SYSTEM AS DESCRIBED IN THE SAR.

93-B-011-174-R00      39

CONTROL DATE: 10/27/1994  
CONTROL TIME: 09:03

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RECORD DATE: 12/15/1993  
SUBJECT: REMOVE TEMPERATURE INDICATORS  
OTHER REF:  
CNTL REF: 93-011-017-00  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS ACTIVITY PROPOSES TO REMOVE THE TEMPERATURE INDICATORS FROM  
(SEE EQUIPMENT ON PAGE 3 FOR LIST) AND RECLASSIFY THE THERMOWELLS  
AS TEMPERATURE TEST POINTS. THIS PROPOSED ACTIVITY MODIFIES THE  
SRW SYSTEM AS DESCRIBED IN THE SAR.

93-B-013-150-R00      38  
RECORD DATE: 02/07/1994  
SUBJECT:  
OTHER REF:  
CNTL REF: 89-0079  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS ACTIVITY ADDS TWO NEW BURIED FIRE WATER LINES WHICH  
COMPLETE THE PIPING HEADER THAT TIES INTO THE SAFETY RELATED  
(SR) AND STATION BLACKOUT (SBO) DIESEL GENERATOR (DG) BUILDINGS.  
THESE NEW FIRE LINES EXTEND FROM THE SECURITY FENCE TO EACH  
SIDE OF FIRE HYDRANT #8 ON THE EXISTING 12 INCH DIAMETER FIRE  
WATER HEADER.

93-B-019-037-R02      38  
RECORD DATE: 04/25/1994  
SUBJECT: BYPASS OF LIMIT SWITCHES FOR SPENT FUEL HANDLING MACHINE SO THAT THE  
SFHM CAN ACCESS THE NEW FUEL AND INSPECTION ELEVATORS  
OTHER REF:  
CNTL REF:  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

ALLOW BYPASS OF LIMIT SWITCHES FOR SPENT FUEL HANDLING MACHINE  
(SFHM) SO THAT THE SFHM CAN ACCESS THE NEW FUEL AND INSPECTION  
ELEVATORS, AND OTHER AREAS ADJACENT TO THE SPENT FUEL POOL



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WALLS. THE UFSAR SECTION 9. 7. 2. 3, NOTES THE EXISTENCE OF THE INTERLOCKS (LIMIT SWITCHES) WHICH PREVENT MOVEMENT INTO THE WALLS. THE REPLACEMENT SFHM INTERLOCKS MUST BE BYPASSED TO ACCESS THE AREAS NOTED ABOVE. NOTE: THE FORMER SFHM HAD LIMIT SWITCHES WHICH WERE REQUIRED TO BE OVERRIDDEN TO ACCESS ALL THE ABOVE AREAS, EXCEPT THE OUTER ROW OF SPENT FUEL RACKS.

93-B-024-092-R00

38

RECORD DATE: 05/05/1994  
SUBJECT: MODIFY THE ENGINE SHUTDOWN LOGIC FOR EMERGENCY DIESEL GENERATORS 11, 12 AND 21.  
OTHER REF:  
CNTL REF: 88-0019-01  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS ACTIVITY PROPOSES TO MODIFY THE ENGINE SHUTDOWN LOGIC LOGIC FOR EMERGENCY DIESEL GENERATORS 11, 12 AND 21 SUCH THAT THE CRANKCASE PRESSURE SWITCHES ARE BLOCKED FROM SHUTTING DOWN THE ENGINE WHEN INITIATION OF A SAFETY INJECTION ACTUATION SIGNAL OCCURS.

93-B-026-188-R00

38

RECORD DATE: 02/17/1994  
SUBJECT: COLD SHUTDOWN WITHIN 72 HOURS IN THE EVENT OF SEVERE FIRE  
OTHER REF:  
CNTL REF:  
ASSOC REC: 93-2029  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

IN THE UNLIKELY EVENT OF A SEVERE FIRE, THE AOP - 9 SERIES OF PROCEDURES WILL ENSURE THAT THE 10 CFR 50 APPENDIX R REQUIREMENT TO REACH COLD SHUTDOWN WITHIN 72 HOURS IS ACCOMPLISHED. CCNPP WOULD BE UNSUCCESSFUL IN MEETING THIS TIME LIMIT BY STEAMING THE STEAM GENERATORS THROUGH THE ATMOSPHERIC DUMP VALVES ONLY, SINCE THEY WERE NOT DESIGNED FOR THIS PURPOSE AND ARE NOT ADEQUATELY SIZED TO PASS THE REQUIRED STEAM FLOW AT LOW SG PRESSURES. THEREFORE, THE AOP 9 PROCEDURES DIRECT THE PERFORMANCE OF AN ALTERNATE METHOD COMMONLY REFERRED TO AS FILL AND CHILL. THIS METHOD

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INVOLVES STEAMING THE SGS DOW TO A LEVEL OF - 350 INCHES AND RAPIDLY REFILLING THEM USING THE AFW SYSTEM. IN ORDER TO PLACE SHUTDOWN COOLING IN SERVICE WITH ADEQUATE TIME TO REACH COLD SHUTDOWN WITHIN 72 HOURS, EACH SG REQUIRES A REFILL FLOW OF 225 GPM FOR A TOTAL OF 450 GPM. THE NECESSARY AFW FLOW RATE IS NORMALLY ACHIEVED BY USING THE MOTOR DRIVEN AFW PUMPS SINCE THE TURBINE DRIVEN PUMPS MAY NOT BE CAPABLE OF DELIVERING THIS FLOW RATE AT LOW SG PRESSURES.

93-B-031-163-R00

38

RECORD DATE: 03/16/1994

SUBJECT: RETIRES THE BACKUP METEOROLOGICAL INSTRUMENTS LOCATED ON THE MICROWAVE TOWER

OTHER REF:

CNTL REF: 93-031-003-00

ASSOC REC:

TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THE PROPOSED ACTIVITY RETIRES THE BACKUP METEOROLOGICAL INSTRUMENTS LOCATED ON THE MICROWAVE TOWER AS DESCRIBED IN UFSAR SECTION 2. 3. 7, CONTINUING STUDIES.

93-B-032-133-R00

38

RECORD DATE: 04/25/1994

SUBJECT: DOCUMENT THE ACCEPTABILITY OF A M S P R DESIGN TEMPERATURE OF 160 DEGREES F

OTHER REF:

CNTL REF: 93-032-011-00

ASSOC REC:

TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS ACTIVITY MAKES NO PHYSICAL CHANGES TO PLANT COMPONENTS. THIS ACTIVITY SERVES TO DOCUMENT THE ACCEPTABILITY OF A M S P R DESIGN TEMPERATURE OF 160 DEGREES F (VERSUS 110 DEGREES F). SAFETY RELATED EQUIPMENT, EQUIPMENT REQUIRED TO BE OPERABLE BY THE TECHNICAL SPECIFICATIONS, AND EQUIPMENT REQUIRED TO MAINTAIN ROOM TEMPERATURE HAVE BEEN EVALUATED FOR AFFECTS ON OPERABILITY FROM THE ELEVATED NORMAL OPERATING TEMPERATURES. ADDITIONALLY, THE CONCRETE WALLS, FLOORS, AND CEILING OF THE M S P R (S) HAVE BEEN EVALUATED AT THE ELEVATED TEMPERATURE TO

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ENSURE THE PHYSICAL PROPERTIES OF THE CONCRETE AND SEISMIC  
QUALIFICATION OF THE ROOM HAVE NOT BEEN ADVERSELY AFFECTED.

93-B-032-181-R00

39

RECORD DATE: 12/08/1993  
SUBJECT: MODIFY PNEUMATIC CONTROL OF THE DAMPER FOR THE CHARCOAL FILTERS OF  
          THE FUEL HANDLING AREA EXHAUST FAN.  
OTHER REF:  
CNTL REF: 93-032-021-00  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS ACTIVITY WILL MODIFY THE PNEUMATIC CONTROL FO THE DAMPERS  
FOR THE CHARCOAL FILTERS OF THE FUEL HANDLING AREA EXHAUST FAN.  
TWO PNEUMATIC PILOT POSITIONERS ATTACHED TO OPERATORS  
WILL BE PHYSICALLY REMOVED AND SUPPLY AIR WILL BE  
ROUTED DIRECTLY TO THE ASSOCIATED PISTON OPERATORS  
VIA SOLENOID VALVE. THE TUBING CURRENTLY SERVING  
AS SUPPLY LINE WILL BE ABANDONED IN PLACE AND PLUGGED

SEE PAGE 3 FOR EQUIPMENT NUMBERS

93-B-037-167-R00

38

RECORD DATE: 02/23/1994  
SUBJECT: ADDS DEMINERALIZED WATER LINES  
OTHER REF:  
CNTL REF: 89-0079  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS ACTIVITY ADDS DEMINERALIZED WATER LINES WHICH COMPLETE  
THE PIPING HEADER THAT TIES THE DIESEL GENERATOR BUILDINGS  
TO THE EXISTING PLANT DEMINERALIZED WATER STORAGE SYSTEM. THIS  
SEGMENT OF THE NEW DEMINERALIZED WATER LINE EXTENDS FROM THE  
DIESEL GENERATOR BUILDINGS TO THE EXISTING DEMINERALIZED  
WATER TRANSFER PUMP DISCHARGE PIPING. OTHER TASKS INCLUDE:

ADDITION OF AN ISOLATION VALVE ON THE THE NEW BRANCH LINE  
TEMPORARY ALTERATION OF SURFACE DRAINAGE DURING CONSTRUCTION  
REPAIR OF ANY DAMAGE TO THE EXISTING GROUNDING GRID WIRE BY  
CONTRUCTION ACTIVITIES.

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THIS ACTIVITY CAN BE PERFORMED DURING ANY MODE OF OPERATION.

A MINIMUM CLEARANCE BETWEEN CONSTRUCTION EQUIPMENT AND OVERHEAD POWER LINES WILL BE MAINTAINED AS DICTATED IN THE BG&E CALVERT CLIFFS INDUSTRIAL SAFETY MANUAL. EXCAVATION AND TRENCHING WILL BE PERFORMED IN A MANNER THAT WILL PREVENT DAMAGE TO EXISTING UNDERGROUND UTILITIES.

93-B-038-110-R01

38

RECORD DATE: 07/18/1994

SUBJECT: INSTALLATION OF FLOWMETERS IN THE UNIT 1 AND 2 SAMPLE LINES THAT CONTAIN THE SAMPLE VESSEL.

OTHER REF:

CNTL REF: 86-0184-0003-01

ASSOC REC:

TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS FEC PROVIDES ENGINEERING FOR THE INSTALLATION OF FLOWMETERS IN THE UNIT 1 AND UNIT SAMPLE LINES THAT CONTAIN THE SAMPLE VESSEL USED TO OBTAIN POST ACCIDENT CONTAINMENT AIR SAMPLE. IN ADDITION, SAMPLE LINE ISOLATION VALVE 1 PS 902 WILL BE REPLACED WITH A MARK #2100 VALVE. THE FEC ALSO REVERSES THE FLOW DIRECTION THROUGH THE SAMPLE VESSEL (RE ROUTE TUBING) FOR UNIT 1 AND REVISES THE CORRESPONDING DRAWINGS TO SHOW THE CORRECT FLOW DIRECTION FOR BOTH UNITS.

93-B-039-179-R02

38

RECORD DATE: 05/04/1994

SUBJECT: ACTIVITY WILL INSTALL MULTI PORT FLOW RESTRICTING ORIFICES

OTHER REF:

CNTL REF: 93-039-002-00

ASSOC REC:

TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS ACTIVITY WILL INSTALL MULTI PORT FLOW RESTRICTING ORIFICES UPSTREAM OF MANUAL VALVES 1/2 - CD - 374 ON THE UNIT 1 AND 2 CONDENSATE DEMINERALIZER RINSE PIPING SYSTEMS. PIPING JUST UPSTREAM OF THE MULTI PORT FLOW RESTRICTION ORIFICE AND BETWEEN THE ORIFICE AND THE CONDENSER WILL BE RESTRICTING METERING VALVES ON THE TUBING RUN BETWEEN

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SOLENOID VALVES 1/2 - SV - 6031 AND THE ACTUATORS FOR CONTROL  
VLAVES 1/2 - CV - 6031 TO LIMIT THE STROKE TIME OF THE A O V.

93-B-044-161-R00

38

RECORD DATE: 11/22/1993  
SUBJECT: REPLACE CONDENSATE PUMP MINIMUM FLOW CONTROL INSTRUMENTS  
OTHER REF:  
CNTL REF: 93-044-004-00  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

REPLACE CONDENSATE PUMP MINIMUM FLOW CONTROL INSTRUMENTS WITH SINGLE  
FLOW INDICATING CONTROLLER. UNLIKE THE EXISTING ANALOG CONTROLLER,  
THE REPLACEMENT CONTROLLER IS A MICROPROCESSOR BASED DIGITAL  
CONTROLLER. THE NEW CONTROLLER UTILIZES THE USER  
ENGINEERING FUNCTIONS RESIDENT IN A STANDARD MODEL TO MIMIC ALL  
HARDWARE FUNCTIONS CURRENTLY PERFORMED.

SEE PAGE 3 FOR LIST OF INSTRUMENTS TO BE REPLACED.

93-B-048-169-R00

38

RECORD DATE: 01/18/1994  
SUBJECT: CHANGE THE ACTUATION SIGNAL FOR THE SPENT FUEL COOLER SERVICE WATER  
ISOLATION VALVES  
OTHER REF:  
CNTL REF: 93-048-002-00  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

CHANGE THE ACTUATION SIGNAL FOR THE SPENT FUEL COOLER SERVICE  
WATER ISOLATION VALVES FROM A STEP 3 LOCI SEQUENCED SIGNAL  
TO AN UN - SEQUENCED SIGNAL. THE ENGINEERING SAFETY FEATURES  
ACTUATION SYSTEM LOGIC DIAGRAMS, UFSAR FIGURE 7 - 10 AND  
7 - 22, SHEETS 1 AND 2 AND THE P&ID, FIGURE 9 - 9A, ARE  
AFFECTED BY THIS ACTIVITY.

93-B-052-143-R00

38

RECORD DATE: 01/26/1994  
SUBJECT: CHANGE OVERALL ACTUATOR RATIO  
OTHER REF:

CONTROL DATE: 10/27/1994  
CONTROL TIME: 09:03

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CNTL REF: 93-052-002-00  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS MCR PROPOSES TO CHANGE THE OVERALL ACTUATOR RATIO (OAR) IN EIGHT LIMITORQUE ACTUATORS (1-MOV-615, 2-MOV-615, 1-MOV-625, 2-MOV-625, 1-MOV-635, 2-MOV-635, 1-MOV-645, 2-MOV-645) BY REPLACING THE MOTOR PINION / WORM SHAFT GEAR SET AND THE WORM / WORM GEAR SET IN EACH ACTUATOR. THE OAR OF THE CURRENT GEAR SETS IS 46. 66. THE PROPOSED OAR IS 95. 58. THE VALVES AND ACTUATORS BEING WORKED UNDER THIS MCR ARE SAFETY RELATED.

93-B-052-143-R01

39

RECORD DATE: 03/07/1994  
SUBJECT: CHANGE OVERALL ACTUATOR RATIO  
OTHER REF:  
CNTL REF: 93-052-002-01  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS MCR PROPOSES TO CHANGE THE OVERALL ACTUATOR RATIO (OAR) IN M D P I GEAR SETS IN EIGHT LIMITORQUE ACTUATORS (1-MOV-615, 2-MOV-615, 1-MOV-625, 2-MOV-625, 1-MOV-635, 2-MOV-635, 1-MOV-645, 2-MOV-645) BY REPLACING THE MOTOR PINION / WORM SHAFT GEAR SET AND THE WORM / WORM GEAR SET IN EACH ACTUATOR. THE VALVES AND ACTUATORS BEING WORKED UNDER THIS MCR ARE SAFETY RELATED.

93-B-062-100-R00

38

RECORD DATE: 11/18/1993  
SUBJECT: INSTALL MAIN CONTROL ROOM ENCLOSED RACEWAYS FOR NEW EMERGENCY DIESEL GENERATOR.  
OTHER REF:  
CNTL REF: 89-0079  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS ACTIVITY INSTALLS MAIN CONTROL ROOM (MCR) ENCLOSED RACEWAYS FOR THE NEW EMERGENCY DIESEL GENERATOR (DG 1A) AND THE STATION

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BLACKOUT (SB0) DIESEL GENERATOR (DG 0C).

93-B-064-035-R01

38

RECORD DATE: 02/14/1994  
SUBJECT: REPLACE THE PRESSURIZER LEVEL CONTROLLERS  
OTHER REF:  
CNTL REF: 93-064-007-00  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS SAFETY EVALUATION CONCLUDES THAT THIS ACTIVITY IS NOT  
AN UNREVIEWED SAFETY QUESTION.

MCR 93 064 007 00 REPLACES THE PRESSURIZER LEVEL CONTROLLERS  
1 (2) LIC 110X AND 110Y. THE OLD CONTROLLERS ARE OBSOLETE AND  
STOCK IS DEPLETED.

THESE CONTROLLERS ARE NSR AND ARE ELECTRICALLY ISOLATED FROM THE  
SAFETY RELATED PORTION OF THE PRESSURIZER LEVEL INSTRUMENTATION  
LOOPS BY QUALIFIED ISOLATION DEVICES. THE NEW CONTROLLERS ARE  
MOUNTED TO SEISMIC II / I CRITERIA FOR THE CONTROL ROOM PANEL.  
THE NEW CONTROLLERS ARE MICROPROCESSOR BASED DEVICES  
WHICH WILL ACCEPT THE SAME INPUT SIGNALS AND PROVIDE  
THE SAME OUTPUT AS THE EXISTING CONTROLLER. THE NEW CONTROLLERS  
WILL HAVE THE SAME CONTROL SETTING.

93-B-064-183-R00

38

RECORD DATE: 02/16/1994  
SUBJECT: REMOVE A PORTION OF ANY STEAM GENERATOR TUBE / TUBES AND PLUG  
AFFECTED TUBE / TUBES AT BOTH ENDS OF TUBESHEET  
OTHER REF:  
CNTL REF: 93-064-009-00  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THE PURPOSE OF THIS ACTIVITY IS TO REMOVE A PORTION OF ANY  
STEAM GENERATOR TUBE / TUBES AND PLUG THE AFFECTED TUBE /  
TUBES AT BOTH ENDS OF THE TUBESHEET. A TOTAL OF TWENTY TUBES  
PER SG MAY BE PARTIALLY REMOVED AND PLUGGED UNDER THIS MCR.

93-B-064A-152-R00

38



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RECORD DATE: 12/08/1993  
SUBJECT: WILL PERMIT THE USE OF NUCLEAR ENGINEERING SERVICES NOZZLE DAMS AS AN  
          ALTERNATIVE TO CE NOZZLE DAMS  
OTHER REF:  
CNTL REF: 93-0202                      93-0202-00  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS ACTIVITY WILL PERMIT THE USE OF NUCLEAR ENGINEERING  
SERVICES NOZZLE DAMS AS AN ALTERNATIVE TO THE CE NOZZLE DAMS.  
THE INSTALLATION OF THE NES NOZZLE DAMS REQUIRES NO  
MODIFICATION TO THE STEAM GENERATOR AS THEY WILL BE FASTENED  
TO THE EXISTING S / G CLAMP RING LOCATED ON THE INSIDE OF THE  
SINGLE HOT LEG (42") AND TWO COLD LEG (30") NOZZLES. THESE  
DAMS WILL ONLY BE INSTALLED WHEN STEAM GENERATOR MAINTENANCE  
INSPECTION ACTIVITIES ARE BEING PERFORMED SIMULTANEOUSLY  
DURING REFUELING.

93-B-064A-152-R02                      38

RECORD DATE: 03/02/1994  
SUBJECT: USE OF NUCLEAR ENGINEERING SERVICES NOZZLE DAMS  
OTHER REF:  
CNTL REF: 93-0202-0002  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS ACTIVITY WILL PERMIT THE USE OF NUCLEAR ENGINEERING  
SERVICES NOZZLE DAMS AS AN ALTERNATIVE TO THE CE NOZZLE  
DAMS. THE INSTALLATION OF THE N. E. S. NOZZLE DAMS REQUIRES  
NO MODIFICATION TO THE STEAM GENERATOR AS THEY WILL BE  
FASTENED TO THE EXISTING STEAM GENERATOR CLAMP RING LOCATED  
ON THE INSIDE OF THE SINGLE HOT LEG AND TWO COLD LEG NOZZLES.  
THESE DAMS WILL BE INSTALLED WHEN MAINTENANCE / INSPECTION  
ACTIVITIES ARE BEING PERFORMED WHICH REQUIRES THE RCS TO  
BE ISOLATED FROM THE STEAM GENERATOR.

93-B-067-013-R00                      39

RECORD DATE: 12/08/1993  
SUBJECT: EVALUATE THE INSTALLATION OF TEMPORARY FREEZE SEALS  
OTHER REF: 0-SFP-128                      0-SFP-127                      1-93-3  
CNTL REF:

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ASSOC REC:  
TEXT: TEXT TYPE:  
PROPOSED ACTIVITY:

THE PURPOSE OF THIS TEMPORARY ALTERATION IS TO EVALUATE THE  
INSTALLATION OF TEMPORARY FREEZE SEALS EITHER INDIVIDUALLY,  
AS A GROUP OR ANY COMBINATION THERE OF, IN THREE POSSIBLE  
LOCATIONS ON SPENT FUEL POOL COOLING WATER PIPING TO PERMIT  
MAINTENANCE. THE 4" IN-LINE ISOLATION VALVES REQUIRE MAINTENANCE  
REPLACEMENT BUT NO MEANS FOR ISOLATION EXISTS WITH THE SPENT  
FUEL POOL COOLING SYSTEM IN SERVICE.

93-B-067-013-R01

39

RECORD DATE: 12/08/1993  
SUBJECT: INSTALL TEMPORARY FREEZE SEALS  
OTHER REF:  
CNTL REF:  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THE PURPOSE OF TEMPORARY ALTERATION 1 93 003 IS TO INSTALL TEMPORARY  
FREEZE SEAL (S) IN THREE POSSIBLE LOCATIONS ON SPENT FUEL POOL  
COOLING PIPING.

THE FREEZE SEAL (S) WILL PROVIDE A PRESSURE BOUNDARY FROM THE  
SPENT FUEL POOL COOLING SYSTEM WHILE EITHER MAINTENANCE IS PERFORMED  
ON THE SUBJECT VALVES OR WHEN THE PURIFICATION SUBSYSTEM NEEDS TO BE  
ISOLATED WHEN RECIRCULATING THE RWT CONTENTS. THE FREEZE SEALS  
WILL BE PHYSICALLY LOCATED IN THE UNIT 1 AUXILIARY BUILDING 27'  
SFP ROOM.

93-B-071-194-R00

38

RECORD DATE: 01/26/1994  
SUBJECT: REMOVE THE 11 AND 12 DEGASIFIER LEVEL INDICATING ALARMS FOR MAINTENANC  
E  
OTHER REF:  
CNTL REF:  
ASSOC REC: 1-93-0095  
TEXT: TEXT TYPE:  
PROPOSED ACTIVITY:

REMOVE 1 LIA 4262 AND 2 LIA 4268, THE 11 AND 21 DEGASIFIER  
LEVEL INDICATING ALARMS, FOR MAINTENANCE. TEMPORARY ALTERATION

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1 93 0095 WILL PROVIDE TEMPORARY INDICATION OF THE 11 AND 21  
DEGASIFIER TANK LEVELS BY USING A MULTIMETER TO MEASURE THE LOOP  
CURRENT. GRAPHS WILL BE CREATED FROM THE MASTER CALIBRATION  
DATA SHEETS TO CORRELATE THESE CURRENT VALUES TO TANK LEVELS.  
THE P&ID, UFSAR FIGURE 11 1A, WHICH SHOWS THAT THE LEVEL  
INDICATING ALARM IS USED FOR ANNUNCIATION AND CONTROL, IS  
AFFECTED BY THIS ACTIVITY.

93-B-083-192-R00

38

RECORD DATE: 01/12/1994

SUBJECT: RESOLVE AN INPO FINDING THAT IDENTIFIED A CONCERN FOR FLOODING OF THE  
MOISTURE COLLECTION TANKS DURING COLD STARTS OF AFW PUMP

OTHER REF:

CNTL REF: 93-083-011-00

ASSOC REC:

TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS ACTIVITY RESOLVES THE INPO FINDING THAT IDENTIFIED A CONCERN  
FOR FLOODING OF THE MOISTURE COLLECTION TANKS DURING COLD STARTS  
OF THE TURBINE - DRIVEN AUXILIARY FEEDWATER (AFW) PUMP.

TO PERFORM A MOISTURE REMOVAL AND COLLECTION FUNCTION, A MCT  
WAS ADDED TO THE MAIN STEAM SUPPLY LINE TO THE STEAM TURBINE OF  
EACH AFW PUMP TRAIN. AS A RESULT, THE MAIN STEAM SUPPLY HEADER  
DRAINS, NO LONGER PROVIDE CONDENSATE REMOVAL FUNCTIONS FOR THE  
MAIN STEAM SUPPLY AND ARE NOT REQUIRED FOR OPERATION USING THE  
AUXILIARY STEAM HEADER AS A STEAM SUPPLY.

93-B-100-171-R00

38

RECORD DATE: 02/02/1994

SUBJECT:

OTHER REF:

CNTL REF:

ASSOC REC:

TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

TELECOMMUNICATIONS DEPARTMENT IS PROVIDING A COMPREHENSIVE  
UPGRADE TO THE PLANT RADIO SYSTEM AT CCNPP. THE BASIC  
CHANGE REPLACES THREE OF FOUR 150 MHZ RADIO CHANNELS WITH  
A FIVE CHANNEL, 800 MHZ DIGITAL TRUNK RADIO SYSTEM USING  
A CONTROLLER TO ASSIGN OPEN CHANNELS TO REQUESTING TALK GROUPS.  
THE EXISTING 150 MHZ CHANNEL FOUR WILL REMAIN. THIS 50.59

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EVALUATION IN BEING WRITTEN DUE TO REVISING THE DESCRIPTION  
OF THE PLANT RADIO SYSTEM IN THE UFSAR PARAGRAPH 7. 8. 2. 6.

93-B-102-106-R00

38

RECORD DATE: 11/01/1993  
SUBJECT: CONTRACTOR SHOP FACILITY  
OTHER REF:  
CNTL REF: 91-102-020-00  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THE NEW CONTRACTOR SHOP FACILITY IS A PERMANENT TWO STORY BUTLER BUILDING  
ADDED WITHIN THE OWNER CONTROLLED AREA AT CCNPP. THE BUILDING IS  
SPECIFICALLY LOCATED SOUTH OF THE DOMESTIC WATER TREATMENT PLANT ON THE  
EAST SIDE OF ROAD G, JUST ACROSS FROM THE MATERIAL PROCESSING FACILITY.  
NO SYSTEM OR EQUIPMENT IMPORTANT TO SAFETY ARE ASSOCIATED WITH THE SHOP.

MINOR MODIFICATION 91 102 020 00 DOCUMENTS THE MODIFICATION TO THE  
FACILITIES SIDE FIRE PROTECTION SYSTEM TO PROVIDE FIRE PROTECTION  
SUPPRESSION FOR THE NEW CONTRACTOR SHOP FACILITY. THIS ACTIVITY  
INVOLVES EXTENDING THE EXISTING 6" DIAMETER FIRE LINE FOR FIRE HYDRANT  
NUMBER 19 THAT IS SUPPLIED FROM 10" DIAMETER UNDERGROUND FIRE MAIN  
THAT SERVICES THE NOF / NEF / OTF / NSF COMPLEX LOOP FROM FIRE PUMP  
NUMBER 2. THE EXTENDED 6" UNDERGROUND FIRE LINE RUNS UNDER THE ROAD  
TO SUPPLY THE RISER AND THE NEW SPRINKLER SYSTEM FOR THE SHOP.  
THIS ACTIVITY ALSO INVOLVES SLIGHT RELOCATION OF EXISTING FIRE HYDRANT  
NUMBER 19 AS WELL AS ASSOCIATED HOSE STATION.

ALL ACTIVITIES ASSOCIATED WITH THIS MODIFICATION TAKE PLACE OUTSIDE  
THE PROTECTED AREA, BUT INSIDE THE OWNER CONTROLLED AREA. THIS ACTIVITY  
WILL NOT ADVERSELY AFFECT THE PERFORMANCE OF THE FACILITIES SIDE  
FIRE PROTECTION SYSTEM. THERE IS NO AFFECT ON THE PLANT SIDE FIRE  
PROTECTION SYSTEM, PLANT OPERATION OR PLANT SAFETY.

IT SHOULD BE NOTED THAT THE FIRE PROTECTION SYSTEMS, BOTH INSIDE AND  
OUTSIDE THE PROTECTED AREA, ARE NON SAFETY RELATED.

93-B-190-158-R00

38

RECORD DATE: 11/22/1993  
SUBJECT: MCR 91 190 016 00  
OTHER REF:  
CNTL REF: 91-190-016-00  
ASSOC REC:

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TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THE SUBJECT MCR REQUIRES SEVERAL CHANGES TO THE FACILITY. THE PORTION OF THE MCR THAT REQUIRES A SAFETY EVALUATION IS THE REVISION OF THE UFSAR FIGURE 6 - 1 TO SHOW THE EXISTING DIAPHRAGM SEAL FOR 1 PI 4164.

MM 90 01 993 REPLACES THE SUBJECT INSTRUMENT DUE TO A RANGE CHANGE. THE REPLACEMENT INSTRUMENT IS TO BE PURCHASED COMMERCIAL GRADE AND DEDICATION TESTING IS PROVIDED TO UPGRADE IT TO SR - PB SERVICE.

93-B-999-111-R00

38

RECORD DATE: 06/09/1994 06/28/1994

SUBJECT: A CHANGE TO PROCEDURES EOP 3 5 & 8 IS RECOMMENDED THE CHANGE

OTHER REF:

CNTL REF: EOP-3

EOP-8

ASSOC REC:

TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

A CHANGE TO PROCEDURES EOP 3, 5 & 8 IS RECOMMENDED; THE CHANGE INVOLVES: 1. TURNING THE MINI FLOW ISOLATION VALVE LOCK OUT SWITCH TO ON WHEN THE RWT LEVEL REACHES 4 FEET INDICATED, JUST BEFORE RAS AND 2. PULL TO LOCK THE CONTAINMENT SPRAY ACTUATION SIGNAL WHEN THE RWT LEVEL REACHES 4 FEET INDICATED.

93-B-999-160-R00

38

RECORD DATE: 02/21/1994

SUBJECT: INSTALLS ELECTRICAL RACEWAY SEGMENT ASSOCIATED WITH SBO DG

OTHER REF:

CNTL REF: 89-0079

ASSOC REC:

TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS ACTIVITY INSTALLS AN ELECTRICAL RACEWAY SEGMENT ASSOCIATED WITH STATION BLACKOUT (SBO) DIESEL GENERATOR, DGOC ROUTED FROM THE BASE OF THE AUXILIARY BUILDING, UP TO THE WEST WALL OF THE MISCELLANEOUS WASTE EVAPORATOR ROOM AND OVER THE ROOF OF THE AUXILIARY AND TURBINE BUILDINGS. THIS RACEWAY SEGMENT WILL HOUSE PART OF THE ELECTRICAL DISTRIBUTION SYSTEM CONNECTING THE SBO DIESEL GENERATOR TO THE EXISTING PLANT. OTHER ACTIVITIES

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COVER UNDER THIS SAFETY EVALUATION INCLUDE:

INSTALLATION OF PENETRATIONS INTO THE AUXILIARY BUILDING.  
INSTALLATION OF JUNCTION BOXES AND INTERFACE PANELS (ASSOCIATED  
WITH DGOC) ON THE ROOF OF THE AUXILIARY BUILDING.  
ADDITION OF A GROUNDING LOOP CONNECTING THE RACEWAY SEGMENT  
TO THE EXISTING PLANT GROUNDING SYSTEM; AND  
RESTORATION, IF NECESSARY, OF THE AUXILIARY BUILDING SIDING  
AND REPLACEMENT OF PORTIONS OF THE ROOF AFTER RACEWAY  
INSTALLATION IS COMPLETE.

THE WORK UNDER THIS SAFETY EVALUATION DOES NOT INCLUDE ANY  
CABLE INSTALLATION. CABLE INSTALLATION WILL BE ADDRESSED  
IN FUTURE EVALUATIONS.

93-B-999-160-R01

38

RECORD DATE: 08/30/1994  
SUBJECT: INSTALLS AN ELECTRICAL RACEWAY SEGMENT ASSOCIATE WITH SBO DG, DGOC  
OTHER REF:  
CNTL REF: 89-0079  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

INSTALLS AN ELECTRICAL RACEWAY SEGMENT ASSOCIATED  
WITH SBO DG, DGOC ROUTED FROM THE BASE OF THE  
AUX. BLDG., UP THE WEST WALL OF THE MISCELLANEOUS WASTE  
EVAPORATOR ROOM AND OVER TH ROOF OF THE AUX. AND TURBINE  
BUILDINGS. THIS RACEWAY SEGMENT WILL HOSE PART OF THE  
ELECTRICAL DISTRIBUTION SYSTEM CONNECTING THE SBO  
DIESEL GENERATOR TO TH EXISTING PLANT.

93-B-999-166-R00

39

RECORD DATE: 12/20/1993  
SUBJECT: INSTALLS SAFETY RELATED RACEWAYS IN AUX BLDG FOR NEW EMERGENCY DIESEL  
GENERATOR  
OTHER REF:  
CNTL REF: 89-0079  
ASSOC REC:

93-B-999-166-R01

38

RECORD DATE: 04/13/1994  
SUBJECT: INSTALLS SAFETY RELATED RACEWAYS WITHIN THE AUXILIARY BUILDING FOR

CONTROL DATE: 10/27/1994  
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THE NEW EMERGENCY DIESEL GENERATOR

OTHER REF:  
CNTL REF: 89-0079  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS ACTIVITY INSTALLS SAFETY RELATED RACEWAYS WITHIN THE  
AUXILIARY BUILDING FOR THE NEW EMERGENCY DIESEL GENERATOR.

93-B-999-176-R00

38

RECORD DATE: 04/13/1994  
SUBJECT: INSTALLS RACEWAYS WITHIN THE AUXILIARY BLDG FOR THE SBO DG.  
OTHER REF:  
CNTL REF: 89-0079  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS ACTIVITY INSTALLS RACEWAYS WITHIN THE AUXILIARY BUILDING  
FOR THE STATION BLACKOUT DIESEL GENERATOR. THE RACEWAY  
PROVIDES PHYSICAL PROTECTION AND SEPARATION OF THE CABLES FOR  
DG 0C.

93-B-999-186-R00

38

RECORD DATE: 05/09/1994  
SUBJECT: INSTALLS SAFETY RELATED AND NON SAFETY RELATED CABLES FOR A NEW  
SAFETY RELATED EDG.  
OTHER REF:  
CNTL REF: 89-0079  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS ACTIVITY INSTALLS SAFETY RELATED AND NON SAFETY RELATED  
CABLES FOR A NEW SAFETY RELATED EMERGENCY DIESEL GENERATOR  
(EDG) DG 1A. CABLING WILL BE PULLED FROM INTERFACE PANELS  
IN THE DG BUILDING THROUGH NEW SAFETY RELATED DUCTBANKS AND  
RACEWAYS, THE THE FOLLOWING LOCATIONS IN THE AUX BUILDING:

SWITCHGEAR ROOM; ELECTRICAL EQUIP ROOM; MAIN CONTROL ROOM;



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COMPUTER ROOM; AND CABLE SPREADING ROOM.

INSTALLATION AND ROUTING OF THE DUCTBANK AND RACEWAYS FOR THIS  
CABLING HAS BEEN ADDRESSED BY OTHER FCR SUPPLEMENTS AND SAFETY  
EVALUATIONS.

93-B-999-193-R00

38

RECORD DATE: 06/16/1994  
SUBJECT: INSTALLS AUGMENTED QUALITY AND NSR CABLES FOR THE NEW SBO DG  
OTHER REF:  
CNTL REF: 89-0079  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS ACTIVITY INSTALLS AUGMENTED QUALITY AND NSR CABLES  
FOR THE NEW STATION BLACKOUT DIESEL GENERATOR DESIGNATED  
AS DG 0C. AUGMENTED - QUALITY AND NSR CABLES WILL BE ROUTED  
IN DUCTBANKS / RACEWAYS ORIGINATING IN THE SBO DG BUILDING  
AND ENDING IN VARIOUS LOCATIONS IN THE AUX BLDG.

93-B-999-193-R01

38

RECORD DATE: 08/30/1994  
SUBJECT: INSTALLS AUGMENT QUALITY AND NON SAFETY RELATED CABLE FOR THE NEW  
SBO DG DESIGNATED AS DG0C.  
OTHER REF:  
CNTL REF: 89-0079  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS ACTIVITY INSTALLS AUGMENTED QUALITY AND NON SAFETY RELATED  
CABLES FOR THE SBO DG DESIGNATED AS DG0C. AUGMENTED QUALITY  
(AQ) AND NON SAFETY-RELATED (NSR) CABLES WILL BE ROUTED  
IN DUCTBANKS / RACEWAYS ORIGINATING IN THE SBO DG BUILDING  
AND ENDING IN VARIOUS LOCATIONS IN TH AUX BLDG. (INCLUDING  
THE CABLE SPREADING ROOMS AND MAIN CONTROL ROOM).

93-0-023-187-R00

38

RECORD DATE: 04/28/1994  
SUBJECT: SBO DG FUEL OIL TRANSFER PIPING TIE IN FROM EXISTING FUEL OIL STORAGE  
TANK

CONTROL DATE: 10/27/1994  
CONTROL TIME: 09:03

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OTHER REF:  
CNTL REF: 89-0079-20      89-0079  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS SAFETY EVALUATION ADDRESSES THE STATION BLACKOUT (SBO) DIESEL GENERATOR (DG) FUEL OIL TRANSFER PIPING TIE IN FROM EXISTING FUEL OIL STORAGE TANK NO. 11. THE NEW FUEL OIL PIPING FOR THE SBO DG WILL TIE INTO AN EXISTING BRANCH CONNECTION. TASKS UNDER THIS SAFETY EVALUATION INCLUDE:

ADD FUEL OIL TRANSFER PIPING; ADD NEW FUEL OIL SAMPLING CONNECTION; TEMPORARY ALTERATION OF SURFACE DRAINAGE; RELOCATION OR REMOVAL OF INTERFERING UTILITIES; RESTORATION OF ANY DAMAGE DONE TO THE GROUNDING GRID; RESTORATION OF ANY INTERRUPTIONS TO THE PLANT SECURITY FENCE.

93-0-032-125-R00

38

RECORD DATE: 06/20/1994  
SUBJECT: REPLACE EXISTING PISTON OPERATED DAMPERS AT THE DISCHARGE OF THE SPENT FUEL POOL VENTILATION EXHAUST FANS WITH NEW GRAVITY TYPE DAMPERS

OTHER REF:  
CNTL REF: 89-0188-00  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THE PROPOSED FCR PACKAGE REPLACES THE EXISTING PISTON OPERATED DAMPERS AT THE DISCHARGE OF THE SPENT FUEL POOL VENTILATION EXHAUST FANS WITH NEW GRAVITY TYPE DAMPERS.

93-0-999-124-R00

38

RECORD DATE: 05/04/1994  
SUBJECT: INSTALLS A DUCTBANK SEGMENT ASSOCIATED WITH DG 1A ROUTED FROM THE BASE OF THE AUX BLDG. OVER ITS ROOF AND INTO THE AUX BLDG.

OTHER REF:  
CNTL REF: 89-0079  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

CONTROL DATE: 10/27/1994  
CONTROL TIME: 09:03

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THIS ACTIVITY INSTALLS A DUCTBANK SEGMENT ASSOCIATED WITH DIESEL GENERATOR DG1A ROUTED FROM THE BASE OF THE AUX. BLDG., OVER IT'S ROOF, AND INTO THE AUX BLDG. THIS DUCTBANK SEGMENT WILL HOUSE PART OF THE ELECTRICAL DISTRIBUTION SYSTEM CONNECTION THE NEW SAFETY RELATED DIESEL GENERATOR TO THE EXISTING PLANT. OTHER ACTIVITIES COVERED UNDER THIS SAFETY EVALUATION INCLUDE:

INSTALLATION OF PENETRATIONS INTO THE AUX BLDG.; ADDITION OF A GROUNDING LOOP CONNECTING THE DUCTBANK SEGMENTS TO THE EXISTING PLANT GROUNDING SYSTEM; AND REPLACEMENT OF THE AUX BLDG ROOFING AFTER DUCTBANK INSTALLATION IS COMPLETE.

93-0-999-124-R01

38

RECORD DATE: 08/31/1994  
SUBJECT: INSTALLS DUCTBANK SEGMENT ASSOCIATED WITH DG DG1A  
OTHER REF:  
CNTL REF: 89-0079  
ASSOC REC:  
TEXT: TEXT TYPE:  
PROPOSED ACTIVITY:

THIS ACTIVITY INSTALLS A DUCTBANK SEGMENT ASSOCIATED WITH DIESEL GENERATOR DG1A ROUTED FROM THE BASE OF THE AUX. BLDG. OVER ITS ROOF, AND INTO THE AUX. BLDG. THIS DUCTBANK SEGMENT WILL HOUSE PART OF THE ELECTRICAL DISTRIBUTION SYSTEM CONNECTING THE NEW SAFETY RELATED DIESEL GENERATOR TO THE EXISTING PLANT

93-1-005-135-R00

39

RECORD DATE: 12/13/1993  
SUBJECT: SUPPORTS USING A TEMPORARY DIESEL GENERATOR TO SUPPORT THE UNIT 1 OUTAGE.  
OTHER REF:  
CNTL REF:  
ASSOC REC: 1-93-0049  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS SAFETY EVALUATION SUPPORTS USING A TEMPORARY DIESEL GENERATOR (TDG) TO SUPPORT THE UNIT 1 OUTAGE. THIS TEMPORARY DIESEL GENERATOR IS NOT REQUIRED TO MEET ANY TECHNICAL SPECIFICATIONS. DURING THE UNIT ONE OUTAGE, A NON-SAFETY RELATED TEMPORARY DIESEL GENERATOR WILL BE BROUGHT ON SITE TO PROVIDE A SOURCE OF STANDBY POWER TO SAFETY RELATED 480V BUS 14A.

CONTROL DATE: 10/27/1994  
CONTROL TIME: 09:03

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93-1-009-042-R00

39

RECORD DATE: 03/12/1994

SUBJECT:

OTHER REF:

CNTL REF: 91-0258

ASSOC REC:

TEXT: TEXT TYPE:

THE PROPOSED ACTIVITY IS THE RIGGING AND REMOVAL OF THE SPARED IN PLACE INTAKE STRUCTURE AIR COOLERS AND ASSOCIATED PIPING AND INSTRUMENTATION AND MODIFICATION OF THE AIR COOLER SUPPORT FRAMES TO MAINTAIN RESTRAINTS FOR MISCELLANEOUS ELECTRICAL RACEWAYS. THE AIR COOLERS WERE SPARED IN PLACE UNDER FCR 85-0099 (50.59 EVALUATION LOG NO. 90 B 009 095 R1) AFTER THE EXISTING INTAKE STRUCTURE COOLING SYSTEM (USING SALTWATER AS THE COOLING MEDIUM) WAS REPLACED WITH A NEW, ALL-AIR COOLING SYSTEM. THE SPARED IN PLACE COOLERS ARE BEING REMOVED DURING POWER OPERATIONS USING THE EQUIVALENT OF SINGLE FAILURE RIGGING.

93-1-011-168-R00

38

RECORD DATE: 01/06/1994

SUBJECT: TEMPORARY ALTERATIONS DURING THE UNIT 1 SPRING 1994 REFUELING OUTAGE

OTHER REF:

CNTL REF:

ASSOC REC: 2-93-0067

1-93-0042

1-93-0043

1-93-0038

1-93-0037

TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THE PROPOSED ACTIVITY IS THE INSTALLATION OF TEMPORARY ALTERATIONS (TA) NUMBERS 1 93 0037, 1 93 0038, 1 93 0043, 1 93 0042, 1 93 0044, AND 2 93 0067 DURING THE UNIT 1 SPRING 1994 REFUELING OUTAGE, FOLLOWING CORE OFF LOAD.

TA NUMBER 1 93 0037 INSTALLS SPOOL PIECES TO ALIGN 21 SERVICE WATER SUBSYSTEM WITH 12 SRW SUBSYSTEM IN ORDER TO SUPPLY COOLING TO 11 SPENT FUEL POOL COOLER. TA 1 93 0038 INSTALLS BLIND FLANGES, AS MAINTENANCE BOUNDARY, TO ISOLATE SRW FLOW TO 11 EDG. THIS WILL ALLOW FOR EDG TESTING WHILE THE DIESEL GENERATOR IS OUT OF SERVICE.

THE REMAINDER OF THE TEMPORARY ALTERATIONS ARE ELECTRICAL ALTERATIONS WHICH INSTALL ELECTRICAL JUMPERS TO AUTOMATICALLY ISOLATE 11 SFP COOLER SRW FLOW ON A UNIT 2 SIAS ACTUATION AND TO ALLOW RESTORING SRW FLOW TO EITHER SFP COOLER AFTER THE HEAT LOAD ON THE SRW SYSTEM IS SUFFICIENTLY REDUCED.

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NOTE THAT THROUGHOUT THIS SAFETY EVALUATION MECHANICAL AND  
ELECTRICAL ISSUES WILL BE ADDRESSED SEPARATELY.

93-1-011-168-R01

38

RECORD DATE: 02/18/1994

SUBJECT:

OTHER REF:

CNTL REF:

ASSOC REC: 2-93-0067

1-93-0042

1-93-0043

1-93-0038

1-93-0037

TEXT: TEXT TYPE:

REASON FOR REVISION:

THIS SAFETY EVALUATION IS BEING REVISED TO REFLECT CHANGES TO THE  
OUTAGE SCHEDULE RESULTING IN AN EARLIER START DATE FOR THE DUAL  
SALT WATER HEADER OUTAGE. THE DESIGN INSTRUCTIONS TO TA 1 93 037  
WERE REVISED TO ALLOW SPOOL PIECE INSTALLATION ON OR AFTER 16 DAYS  
FOLLOWING PLANT SHUTDOWN. THE RESULTS AND CONCLUSIONS OF THE  
SUPPORTING CALCULATIONS WERE NOT AFFECTED SINCE THE DECAY HEAT  
LOAD AT THIS NEW DATE IS BOUNDED BY THAT ORIGINALLY ASSUMED  
IN THE CALCULATIONS.

93-1-012-149-R00

38

RECORD DATE: 11/29/1993

SUBJECT: INSTALLATION OF HALF COUPLINGS AND THERMOWELLS IN SALT WATER PIPING

OTHER REF:

CNTL REF: 92-012-031-00

ASSOC REC:

TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

ALLOWS INSTALLATION OF HALF COUPLINGS AND THERMOWELLS IN  
SALT WATER PIPING IMMEDIATELY DOWNSTREAM OF THE UNIT 1  
SERVICE WATER HEAT EXCHANGERS. THIS WILL ALLOW FOR THE  
TEMPORARY INSTALLATION OF TEMPERATURE MEASURING DEVICES  
IN THE FLOW OF THE SW SYSTEM.

93-1-019-153-R00

38

RECORD DATE: 11/10/1993

SUBJECT: COMPRESSED AIR SYSTEM

OTHER REF: TAW1-93-059

CNTL REF:

CONTROL DATE: 10/27/1994  
CONTROL TIME: 09:03

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ASSOC REC:  
TEXT: TEXT TYPE:

FUNCTION OF AFFECTED S S C:

THE COMPRESSED AIR SYSTEM IS DESIGNED TO PROVIDE A RELIABLE SUPPLY OF DRY OIL FREE AIR FOR THE PNEUMATIC INSTRUMENTS AND CONTROLS AND THE PNEUMATICALLY OPERATED SYSTEM OF CONTAINMENT ISOLATION VALVES. THE SYSTEM ALSO SATISFIES THE NECESSARY AIR REQUIREMENTS FOR THE PA SYSTEM FOR NORMAL PLANT OPERATION AND MAINTENANCE. THE DESIGN OF THE SYSTEM IS BASED ON AN ESTIMATED IA REQUIREMENT OF 260 SCFM AND AN ESTIMATED PA REQUIREMENT OF 600 SCFM FOR EACH UNIT.

93-1-019-175-R00

39

RECORD DATE: 12/15/1993  
SUBJECT: REMOVES AIR ACCUMULATORS FOR SALTWATER VALVES.  
OTHER REF:  
CNTL REF: 93-012-017-00  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS ACTIVITY REMOVES THE AIR ACCUMULATORS (AND THEIR ASSOCIATED PRESSURE GAUGES AND ISOLATION AND DRAIN VALVES) FOR SALTWATER VALVES (SEE EQUIPMENT LIST ON PAGE 3 FOR LIST OF VALVES) FOR THE SALTWATER SYSTEM LOCATED IN THE SERVICE WATER PUMP ROOM.

93-1-024A-154-R00

38

RECORD DATE: 01/31/1994  
SUBJECT: INSTALLATION OF AN UPGRADE KIT PROVIDE BY THE EDG SUPPLIER  
OTHER REF:  
CNTL REF: 93-0203-00  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS ACTIVITY ADDRESSES THE INSTALLATION OF AN UPGRADE KIT PROVIDED BY THE EMERGENCY DIESEL GENERATOR SUPPLIER ON EDG NO. 11. THE INSTALLATION WILL UPGRADE THE HORSEPOWER RATING OF THE EDG ENGINE FROM 300 HP / CYLINDER TO 350 HP / CYLINDER BY REPLACING THE EXISTING CYLINDER LINERS; REPLACING THE EXISTING PISTONS, REPLACING THE EXISTING

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TURBOCHARGER; ELIMINATING THE AIR INLET CHECK VALVE ASSEMBLY AND CONTROL MECHANISM; MODIFYING PIPING AND MANIFOLD TO CONVERT THE EXISTING TURBO BLOWER ARRANGEMENT FROM A PARALLEL SERIES CONFIGURATION; REPLACING THE BLOWER AND BLOWER DRIVE; REPLACING THE FUEL INJECTION NOZZLES; AND MODIFYING THE CYLINDER BLOCK BY INSTALLING AN ADAPTER BLOCK TO ACCOMMODATE THE CONVERSION OF THE PARALLEL TO SERIES BLOWER TURBOCHARGER ARRANGEMENT.

MODIFICATIONS TO SUPPORTING SYSTEMS ARE ALSO MADE AND INCLUDE: REPLACEMENT OF THE LUBE OIL COOLER TUBE BUNDLE; REPLACEMENT OF THE ENGINE MOUNTED INTERCOOLERS AND THE SHELL AND TUBE INTERCOOLER HEAT EXCHANGER TUBE BUNDLE; INCREASING THE SERVICE WATER PRESSURE DROP ACROSS THE #11 EDG HEAT EXCHANGERS (LUBE OIL, JACKET WATER AND INTERCOOLER HEAT EXCHANGERS); AND REPLACEMENT OF CURRENT TRANSFORMERS ASSOCIATED WITH EDG NO. 11 LOCAL AND REMOTE METERING AND PROTECTIVE RELAYS. NOTE THAT REPLACEMENT OF THE CURRENT TRANSFORMERS AND SCALE PLATES IS NOT REQUIRED TO DECLARE THE EDG OPERABLE AT THE EXISTING GENERATOR OUTPUT; THUS, PARTIAL IMPLEMENTATION (INCLUDING NO IMPLEMENTATION) OF THESE COMPONENTS IS ALLOWED.

UFSAR SECTION 8.4.1 WILL BE REVISED TO INDICATE THE NEW FUEL CONSUMPTION RATE OF UPGRADED EDG NO. 11 AND FIRES 8 - 4 AND 8 - 10 WILL BE REVISED TO REFLECT THE NEW SETTINGS OF THE CURRENT TRANSFORMERS.

NOTE: THE ACTIVITY COVERED BY THIS SAFETY EVALUATION IS ONE OF SEVERAL PHASES SUPPORTING AN INCREASE TO THE ELECTRICAL OUTPUT CAPACITY OF THE EDGS. NO INCREASE IN THE EDGS ELECTRICAL OUTPUT CAPACITY IS REALIZED UPON IMPLEMENTATION OF THIS ACTIVITY WITHOUT ADDITIONAL MODIFICATIONS.

93-1-024A-154-R01

38

RECORD DATE: 08/10/1994  
SUBJECT: INSTALLATION OF AN UPGRADE KIT PROVIDED BY EDG SUPPLIER ON EDG #11.  
OTHER REF:  
CNTL REF: 93-0203-00  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS ACTIVITY ADDRESSES THE INSTALLATION OF AN UPGRADE KIT PROVIDED BY THE EMERGENCY DIESEL GENERATOR SUPPLIER ON EDG NO. 11. THE INSTALLATION WILL UPGRADE THE HORSEPOWER RATING OF THE EDG ENGINE FROM 300 HP / CYLINDER



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TO 350 HP / CYLINDER BY REPLACING THE EXISTING CYLINDER  
LINERS, PISTONS, AND TURBOCHARGERS AND ELIMINATING THE  
AIR TURBO BLOWER ARRANGEMENT FROM A PARALLEL TO A SERIES  
CONFIGURATION; DELETING NO. 11 EDG INTERCOOLER TEMPERATURE  
INDICATOR; INCREASING THE GENERATOR STATOR WINDING TEMPERATURE  
SETPOINT; REPLACING THE BLOWER AND BLOWER DRIVE; REPLACING THE FUEL  
INJECTION NOZZLES; AND MODIFYING THE CYLINDER BLOCK.

93-1-038-107-R00

38

RECORD DATE: 04/20/1994

SUBJECT: JUSTIFY THE CONTINUED INOPERABLE STATUS OF THE SAFETY RELATED  
CONTAINMENT DOME HYDROGEN SAMPLE LINE

OTHER REF:

CNTL REF: 93-038-003-00

ASSOC REC:

TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THE PURPOSE OF THIS ACTIVITY IS TO JUSTIFY THE CONTINUED  
INOPERABLE STATUS OF THE SAFETY RELATED CONTAINMENT DOME  
HYDROGEN SAMPLE LINE, LOCATED AT THE 189 FOOT ELEVATION  
IN UNIT 1 CONTAINMENT.

93-1-047-177-R00

39

RECORD DATE: 12/08/1993

SUBJECT: REPLACES THE UNIT 1 HIGH PRESSURE FEEDWATER HEATER LEVEL INDICATORS

OTHER REF:

CNTL REF: 92-047-007-02

ASSOC REC:

TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS MCR REVISION REPLACES THE NON SAFETY RELATED UNIT 1 16A AND 16B  
HIGH PRESSURE (HP) FEEDWATER (FW) HEATER LEVEL INDICATORS,  
1-LI-1417 AND 1-LI-1415, RESPECTIVELY. THE EXISTING INDICATORS  
ARE YARWAY MODEL 4412 REMOTE LIQUID LEVEL INDICATORS. THE  
REPLACEMENT INDICATORS EVALUATED AND APPROVED BY THIS MCR ARE SENS  
SURE SITE VISUAL INDICATORS.

THE YARWAY INDICATORS UTILIZE A CONSTANT HEAD CHAMBER, EQUALIZING  
LINES / VALVES, AND TEST LINES / VALVES. THE REPLACEMENT INDICATORS  
DO NOT REQUIRE THESE COMPONENTS FOR PROPER OPERATION AND THEREFORE,  
THEY WILL BE REMOVED.

CONTROL DATE: 10/27/1994  
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93-1-064-103-R01	38		
RECORD DATE: 04/25/1994			
SUBJECT: RE ROUTE STEAM GENERATOR BLOWDOWN VENT LINE FROM HEATER DRAIN TANK TO SHELL SIDE OF FEEDWATER HEATERS			
OTHER REF:			
CNTL REF: 89-0047		89-0047-0003	
ASSOC REC:			
TEXT: TEXT TYPE:			

PROPOSED ACTIVITY:

RE ROUTE STEAM GENERATOR BLOWDOWN VENT LINE FROM HEATER  
DRAIN TANK TO THE SHELL SIDE OF FEEDWATER HEATERS 13A  
AND 13B.

93-1-064-134-R00	38		
RECORD DATE: 11/15/1993			
SUBJECT: INSTALL A TEMPORARY FREEZE SEAL IN THE 12" SURGE LINE			
OTHER REF:			
CNTL REF:			
ASSOC REC: 1-93-0013			
TEXT: TEXT TYPE:			

PROPOSED ACTIVITY:

THE PURPOSE OF THIS TEMPORARY ALTERATION IS TO INSTALL  
A TEMPORARY FREEZE SEAL IN THE 12" SURGE LINE IN ORDER  
TO ISOLATE THE PRESSURIZER FROM THE RCS IN UNIT 1 DURING  
MODE 5 AND DEFUELED. THERE ARE NO ISOLATION VALVES IN THE  
PRESSURIZER SURGE LINE. HEATER SLEEVE PLUGS ARE PLANNED  
TO BE INSTALLED AS A PRECAUTION AGAINST FAILURE OF THE  
FREEZE SEAL TO PREVENT REACTOR COOLANT FROM LEAKING INTO  
CONTAINMENT. THERE ARE NO FURTHER CHANGES OR IMPACT ON THE  
SAR.

93-1-066-155-R00	39		
RECORD DATE: 12/13/1993			
SUBJECT: DISCONNECT THE CAVITY COOLING FAN MOTORS TO PROVIDE A SOURCE OF TEMPORARY OUTAGE POWER.			
OTHER REF:			
CNTL REF:			
ASSOC REC:			
TEXT: TEXT TYPE:			

CONTROL DATE: 10/27/1994  
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SUMMARY:

THIS SAFETY EVALUATION IS FOR THE TEMPORARY REMOVAL OF THE CAVITY COOLING FAN MOTOR POWER CIRCUIT DURING AN OUTAGE SO THAT TEMPORARY OUTAGE POWER CAN BE PROVIDED ON THE 10 FOOT LEVEL OF CONTAINMENT. THE PLANT WILL BE IN MODES 5, 6, OR DEFUELED WHEN THE FAN MOTOR IS OUT OF SERVICE. THE CAVITY COOLING FANS ARE USED TO THE COOL THE NEUTRON FLUX DETECTORS, THE PRIMARY SHIELD PENETRATIONS AND PRIMARY SHIELD. THESE FANS HELP MAINTAIN THE AVERAGE CONTAINMENT TEMPERATURE BELOW 120 F WHILE THE REACTOR IS AT POWER, AND ARE NOT NEEDED WHEN SHUTDOWN. THIS ACTIVITY DOES NOT CONSTITUTE AN UNREVIEWED SAFETY QUESTION.

93-1-068-148-R00

38

RECORD DATE: 06/10/1994 06/28/1994

SUBJECT: CHANGE STP 0 4 SPECIFIED TIME ALLOWED FOR THE FREQUENCY OF THE EDG TO BE RESTORED TO WITHIN 2 PERCENT OF NOMINAL DURING LOAD SEQUENCING

OTHER REF:

CNTL REF:

ASSOC REC:

TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

CHANGE STP 0 4 SPECIFIED TIME ALLOWED FOR THE FREQUENCY OF THE EDG TO BE RESTORED WITHIN 2 PERCENT OF NOMINAL DURING LOAD SEQUENCING. CURRENTLY, FREQUENCY IS REQUIRED TO BE RESTORED TO WITHIN 2 PERCENT OF NOMINAL (60 HZ) WITHIN 40 PERCENT (2 SECONDS) OF EACH LOAD SEQUENCE TIME INTERVAL. THIS ACTIVITY WILL INCREASE THE ALLOWED RECOVERY PERIOD TO 50 PERCENT (3 SECONDS) OF THE LOAD SEQUENCE TIME INTERVAL (5 SECONDS, NOMINAL) FOR ALL THE SEQUENCER STEPS. THUS, THERE IS ONE SECOND INCREASE IN THE ALLOWED DURATION THAT THE EDG FREQUENCY IS WITHIN 2 PERCENT OF NOMINAL 60 HZ.

93-1-068-148-R00

38

RECORD DATE: 06/24/1994 06/28/1994

SUBJECT: INSTALLATION OF A TEST CONNECTION ON THE UNIT 1 TYPE 2 FUEL TRANSFER TUBE BELLOWS

OTHER REF:

CNTL REF: 93-068-001-00

ASSOC REC:

TEXT: TEXT TYPE:

CONTROL DATE: 10/27/1994  
CONTROL TIME: 09:03

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PROPOSED ACTIVITY:

THE PROPOSED ACTIVITY WILL ALLOW INSTALLATION OF A TEST CONNECTION ON THE UNIT 1 TYPE 2 FUEL TRANSFER TUBE BELLWS, RECOMMENDATION FOR AN EPOXY PATCH AND INSTALLATION PROCEDURES FOR THE CRACK REPAIR ON THE OUTER PLY ON THE UNIT 1 TYPE 1 FUEL TRANSFER TUBE BELLWS, IF USED. THE TYPE 2 BELLWS IS A SINGLE PLY BELLWS ON THE FRP SIDE OF THE FUEL TRANSFER TUBE BELLWS. THE TYPE 1 BELLWS IS A TWO PLY BELLWS ON THE SFP SIDE OF THE FUEL TRANSFER TUBE. ALSO THIS ACTIVITY WILL ALLOW INSTALLATION OF A RELIEF VALVE ON THE INSTRUMENT AIR LINE THAT SUPPLIES THE TYPE 1 BELLWS FOR BOTH UNIT 1 AND 2.

93-2-012-029-R01

39

RECORD DATE: 01/21/1994  
SUBJECT: REPLACEMENT OF SALTWATER PIPING  
OTHER REF:  
CNTL REF: 91-0302  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THE PROPOSED ACTIVITY IS THE REPLACEMENT OF THE SALTWATER PIPING FROM THE SALTWATER HEATER TO THE CIRCULATING WATER PUMP BEARINGS, LOCATED IN THE INTAKE STRUCTURE. THIS ACTIVITY WILL REPLACE THE EXISTING PIPING WITH CORROSION RESISTANT 70 - 30 COPPER - NICKEL PIPING. THE EXISTING RELIEF VALVES PRESSURE CONTROL VALVES, AND INSTRUMENT TUBING ARE BEING ELIMINATED TO MINIMIZE CLOGGING PROBLEMS ASSOCIATED WITH THE CURRENT DESIGN. IN ADDITION, TO FACILITATE INSTALLATION OF THE NEW CW PUMP SEAL WATER SYSTEM PIPING AND COMPONENTS AND TO MINIMIZE THE AMOUNT OF WORK REQUIRING AN OUTAGE TO COMPLETE, THE PLANT WATER SYSTEM WILL BE CONNECTED TO THE CW PUMP SEALS ON A TEMPORARY BASIS. THE USE OF THE PLANT WATER HAS BEEN ADDRESSED IN TEMPORARY ALTERATIONS.

93-2-052-162-R00

38

RECORD DATE: 11/16/1993  
SUBJECT: REPLACE A PORTION OF THE HIGH PRESSURE SAFETY INJECTION PUMP #23.  
OTHER REF:  
CNTL REF: 93-052-019-00  
ASSOC REC:  
TEXT: TEXT TYPE:

CONTROL DATE: 10/27/1994  
CONTROL TIME: 09:03

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PROPOSED ACTIVITY:

THIS MCR ACTIVITY PROVIDES FOR REPLACING A PORTION OF THE HIGH PRESSURE SAFETY INJECTION (HPSI) PUMP #23 CASING DRAIN PIPE (3/4" GC-3 PIPE) WITH TUBING AND FITTINGS. THE 3/4" THREADED DRAIN OPENING IN THE HPSI PUMP CASING WILL BE MATED TO A THREADED TUBE END ADAPTER AND COMPRESSION UNION ELBOW SUCH THAT THE CONNECTION CAN BE MORE EASILY TIGHTENED AND THE LEAKAGE PROBLEMS WITH THE EXISTING PIPE AND UNION CONFIGURATION CAN BE CORRECTED / ELIMINATED. THE SUBJECT MCR WILL MODIFY THE PRESSURE OF HPSI PUMP #23. THE CHANGE WILL REMOVE A PORTION OF THE EXISTING DRAIN PIPE AND IN EFFECT, THE SAFETY RELATED PRESSURE BOUNDARY FUNCTION FOR THIS DRAIN LINE WILL BE FULFILLED BY THE NEW SAFETY RELATED TUBING / FITTINGS AND THE REMAINING DOWNSTREAM PIPING AND NORMALLY CLOSED DRAIN LINE ISOLATION VALVE, 2 - SI - 437. THE FUNCTION AND PERFORMANCE OF THE HPSI PUMP WILL NOT BE AFFECTED BY THE SUBJECT MCR ACTIVITY BEING IMPLEMENTED TO CORRECT THE CASING DRAIN CONNECTION LEAKAGE PROBLEM.

93-2-058-190-R00 38  
RECORD DATE: 12/18/1993  
SUBJECT:  
OTHER REF:  
CNTL REF:  
ASSOC REC: 2-93-0070  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS ACTIVITY SUBSTITUTES 2 TE 121 X FOR 2 TE 122 HB AS THE LOOP 22 REACTOR PROTECTION SYSTEM CHANNEL B HOT LEG TEMPERATURE ELEMENT. USE OF 2 TE 121 X DISABLES THE T HOT CHANNEL "X" INPUT TO THE REACTOR REGULATING SYSTEM. AS A RESULT, THE REACTOR REGULATING SYSTEM MUST OPERATE WITH A SINGLE T HOT INPUT (CHANNEL "Y") FOR THE DURATION OF THIS ACTIVITY.

93-2-084-005-R01 38  
RECORD DATE: 12/21/1993  
SUBJECT: REPLACE THE TWO HEATED JUNCTION THERMOCOUPLE PROBES IN UNIT 1 AND 2.  
OTHER REF:  
CNTL REF: 92-084-004-01  
ASSOC REC:  
TEXT: TEXT TYPE:

CONTROL DATE: 10/27/1994  
CONTROL TIME: 09:03

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PROPOSED ACTIVITY:

THE PROPOSED ACTIVITY IS TO REPLACE THE TWO HEATED JUNCTION THERMOCOUPLE PROBES IN UNIT 1 AND IN UNIT 2 WITH EQUIVALENT REPLACEMENT PROBES. THIS ACTIVITY REQUIRES CONCURRENT WIRING MODIFICATIONS IN THE UNIT 1 AND 2 RVMLS ELECTRONICS CABINETS AND MODIFICATIONS TO THE UNIT 1 AND 2 CONTROL BOARD DISPLAYS TO RESTORE THE TWO RVMLS CHANNELS TO THE ORIGINAL DESIGN CONFIGURATION. AN FSAR CHANGE IS REQUIRED IN LIGHT OF CHANGES TO THE UNIT 2 P&ID TO REFLECT THE RESTORED ORIGINAL CONFIGURATION OF THE UNIT 2 CHANNELS. THE UFSAR DISCUSSION ON RVMLS IN SECTION 7.5.9.2 IS ALSO REVISED TO INCLUDE THE LIQUID LEVEL PROBE AS EQUIVALENT AND INTERCHANGEABLE WITH THE HJTC PROBE CURRENTLY IN USE.

94-B-001-033-R00

38

RECORD DATE: 04/07/1994  
SUBJECT: OPERATION OF THE NEW 500KV CHALK POINT TRANSMISSION LINE  
OTHER REF:  
CNTL REF: 88-0094-05  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS 50.59 SAFETY EVALUATION ADDRESSES THE OPERATION OF THE NEW 500KV CHALK POINT TRANSMISSION LINE AND THE TESTING AND OPERATION OF THE 13KV VOLTAGE REGULATORS.

94-B-002-002-R00

38

RECORD DATE: 03/18/1994  
SUBJECT: REPLACEMENT OF 125 VDC BATTERY CHARGERS  
OTHER REF:  
CNTL REF: 90-0100-00  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THE PROPOSED ACTIVITY IS THE REPLACEMENT OF THE FOLLOWING 125 VDC BATTERY CHARGERS. THE EXISTING EXIDE BATTERY CHARGERS ARE BEING REPLACED WITH 4 CYBEREX BATTERY CHARGERS.

BATTERY CHARGER 11, 12, 23, AND 24.

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94-B-002-003-R00	38		
RECORD DATE: 03/17/1994			
SUBJECT:			
OTHER REF:			
CNTL REF: 90-0100-01			
ASSOC REC:			
TEXT: TEXT TYPE:			

PROPOSED ACTIVITY:

THE PROPOSED ACTIVITY IS THE REPLACEMENT OF THE 13, 14, 21  
AND 22 125 VDC BATTERY CHARGERS. THE EXISTING EXIDE BATTERY  
CHARGERS ARE BEING REPLACED WITH 4 CYBEREX BATTERY CHARGERS.

94-B-002-098-R00	38		
RECORD DATE: 09/28/1994			
SUBJECT: INSTALL A JUMPER IN THE ANNUNCIATOR CABINET			
OTHER REF:			
CNTL REF:			
ASSOC REC:			
TEXT: TEXT TYPE:			

PROPOSED ACTIVITY

THE PROPOSED ACTIVITY INSTALLS A JUMPER IN THE ANNUNCIATOR  
CABINET, 1K02, TO JUMPER OUT THE ALARM CONTACT OF AN OUT  
OF SERVICE BATTERY CHARGER. THE BATTERY CHARGER AFFECTED ARE  
#13, 14, 21, AND 22. THE TEMPORARY ALTERATIONS WILL BE INSTALLED  
ONE AT A TIME WHILE CHARGER IS BEING REPLACED.

94-B-011-014-R00	38		
RECORD DATE: 02/14/1994			
SUBJECT: REPLACE EXISTING AIR OPERATED 8" SERVICE WATER SYSTEM BUTTERFLY VALVE			
OTHER REF:			
CNTL REF: 93-0207			
ASSOC REC:			
TEXT: TEXT TYPE:			

PROPOSED ACTIVITY:

THIS ACTIVITY WILL INVOLVE REPLACEMENT OF THE EXISTING  
AIR OPERATED 8" SERVICE WATER SYSTEM BUTTERFLY VALVE AT  
THE INLET OF EACH CONTAINMENT AIR COOLER (CAC) (ONE INLET



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PER CAC) WITH NEW 8" AIR OPERATED BUTTERFLY TYPE ENERTECH  
CONTROL VALVES AT THE SAME LOCATIONS AS THE EXISTING VALVES.  
THE NEW VALVES ARE DESIGNED TO THROTTLE INLET FLOW TO THE CACS  
UPON ACTUATION OF AN ENGINEERED SAFETY FEATURES ACTUATION  
SYSTEM (ESFAS) SAFETY INJECTION ACTUATION SIGNAL (SIAS). THE  
FULL OPEN POSITION WILL BE THE NORMAL POSITION OF THE NEW  
VALVES AS WELL AS THE FAILED POSITION OF THE VALVES. UPON  
RECEIPT OF AN SIAS SIGNAL, THE NEW VALVES WILL BE THROTTLED  
TO A PRE DETERMINED, PARTIALLY OPEN POSITION CORRESPONDING  
TO A SRW FLOW OF AT LEAST 1500 GPM THROUGH EACH CAC. THE  
NEW REPLACEMENT VALVE DESIGN WILL HAVE ADJUSTABLE MECHANICAL  
STOPS WHICH WILL PROVIDE THE MEANS OF SETTING THE VALVE POSITION  
AND WILL EM THE SAFETY RELATED (SR) SALT WATER

AIR COMPRESSOR (SWAC) SYSTEM IN LIEU OF THE PRESENTLY USED  
NON-SAFETY RELATED (NSR) INSTRUMENT AIR SYSTEM ...

94-B-011-014-R01

38

RECORD DATE: 03/09/1994  
SUBJECT: REPLACE EXISTING AIR OPERATED 8" SPW SYSTEM BUTTERFLY VALVE AT INLET  
OTHER REF:  
CNTL REF: 93-0207  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS ACTIVITY WILL INVOLVE REPLACEMENT OF THE EXISTING AIR  
OPERATED 8" SRW SYSTEM BUTTERFLY VALVE AT THE INLET OF EACH  
CONTAINMENT AIR COOLER WITH NEW 8" AIR OPERATED BUTTERFLY TYPE  
ENERTECH CONTROL VALVES AT THE SAME LOCATIONS AS THE EXISTING  
VALVES.

94-B-012-023-R00

38

RECORD DATE: 03/16/1994  
SUBJECT: PRESSURE INDICATORS  
OTHER REF:  
CNTL REF: 93-012-022-00  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

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1. USE OF AN ASHCROFT PRESSURE INDICATOR AND DIAPHRAM SEAL ASSEMBLY FOR TH INLET PRESSURE INDICATORS ON THE SALT WATER SIDE OF THE SERVICE WATER HEAT EXCHANGERS.
2. REMOVAL OF THE OUTLET PRESSURE INDICATORS ON THE SW SIDE OF THE SRWHXS.
3. INSTALLATION OF A BARTON DIFFERENTIAL PRESSURE INDICATOR ON THE SW SIDE OF EACH SRWHX (11, 12, 21 AND 22).
4. INSTALLATION OF ASSOCIATED DRAIN LINES AND VALVES AND INSTRUMENT ISOLATIONS VALVES.
5. REMOVAL OF THE INLET AND OUTLET PRESSURE TRANSMITTERS ON THE SW SIDE OF THE SRWHX.

94-B-012-062-R00

38

RECORD DATE: 04/25/1994

SUBJECT: REDUCTION OF THE REQUIRED SALTWATER FLOW RATE TO THE ECCS PUMP ROOM AIR COOLERS.

OTHER REF:

CNTL REF:

ASSOC REC:

TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THE PROPOSED ACTIVITY IS THE REDUCTION OF THE REQUIRED SALTWATER FLOW RATE TO THE ECCS PUMP ROOM AIR COOLERS. UFSAR SECTION 9. 5. 2. 3 CURRENTLY STATES THAT MINIMUM DESIGN SALTWATER FLOW TO THE ECCS PUMP ROOM AIR COOLERS IS 600 GPM. THIS ACTIVITY LOWERS THE MINIMUM REQUIRED ECCS PUMP ROOM AIR COOLER FLOW RATE TO 400 GPM. NO PHYSICAL PLANT MODIFICATION ARE ASSOCIATED WITH THIS ACTIVITY.

94-B-015-073-R00

38

RECORD DATE: 05/18/1994

SUBJECT: CORRELATE MAXIMUM ALLOWABLE COMPONENT COOLING WATER FLOWS THROUGH THE SHUTDOWN COOLING HEAT EXCHANGERS IN A POST LOCA LINEUP

OTHER REF:

CNTL REF:

ASSOC REC:

TEXT: TEXT TYPE:

PROPOSED ACTIVITY

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ETP 94 - 23 WILL CORRELATE MAXIMUM ALLOWABLE COMPONENT COOLING WATER FLOWS THROUGH THE SHUTDOWN COOLING HEAT EXCHANGERS IN A POST LOCA LINEUP WITH SDCHX INLET VALVE POSITIONS. THE INLET VALVES TO THE SDCHX ARE CURRENTLY THROTTLED TO PROVIDE CCW FLOW TO THE HEAT EXCHANGERS BETWEEN 1800 AND 4820 GPM IN A POST LOCA LINEUP. ETP 94 - 23 WILL DETERMINE TH THROTTLE SETTINGS FOR THE INLET VALVES WHICH WILL LIMIT CCW FLOW TO A MAXIMUM VALUE OF 6000 GPM.

94-B-018-009-R00

38

RECORD DATE: 05/09/1994  
SUBJECT: REPLACEMENT OF THE FOLLOWING 120 VAC INVERTERS.  
OTHER REF:  
CNTL REF: 90-0099-00  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THE PROPOSED ACTIVITY IS THE REPLACEMENT OF THE 120 VAC INVERTERS. SUPPLEMENT 0 OF FCR 90 - 0099 UNIT 1 INVERTERS AND SUPPLEMENT 1 REPLACES UNIT 2. THE EXISTING EXIDE INVERTERS ARE BEING REPLACED WITH CYBEREX INVERTERS WHICH ARE FUNCTIONALLY EQUIVALENT COMPONENTS.

94-B-030-077-R00

38

RECORD DATE: 06/16/1994  
SUBJECT: REMOVAL OF THE CLOSE / OPEN CONTROL OF AIR AND RETURN AIR OPERATED ISOLATION DAMPER FROM THE HANDSWITCH.  
OTHER REF:  
CNTL REF: 93-030-013-00  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THE CONTROL ROOM AND CABLE SPREADING ROOM HVAC SYSTEM IS CONNECTED TO THE OUTSIDE ATMOSPHERE BY THE OPERATION OF SUPPLY DAMPERS AND COMMON EXHAUST DAMPERS. IN NORMAL OPERATION, THE CONTROL OF ZONE TEMPERATURE IS AIDED BY AIR MIXING OF OUTSIDE AIR AND RETURN RECIRCULATION AIR. THIS ACTIVITY PROVIDES FOR REMOVAL OF THE CLOSE / OPEN CONTROL OF COMMON EXHAUST AIR OPERATED ISOLATION DAMPER FROM THE HANDSWITCH AND ALLOWS THE DAMPER TO BE

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CONTINUOUSLY OPEN PROVIDED THAT FACILITY CODE ZA 125 VDC  
POWER IS AVAILABLE, AND A HIGH RADIATION SIGNAL (FROM THE  
CONTROL ROOM SUPPLY AIR INTAKE MONITOR) OR A SIAS SIGNAL IS  
NOT PRESENT.

94-B-039-028-R00

38

RECORD DATE: 03/07/1994  
SUBJECT: ADD LOCALLY ISOLATE AN IA SYSTEM LOAD  
OTHER REF:  
CNTL REF: 94-039-001-00  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS 50.59 SAFETY EVALUATION SUPPORTS MCR 94 039 001. THE MCR  
WAS INITIATED TO ADD LOCAL ISOLATION VALVES IN THE INSTRUMENT  
AIR TUBING TO PNEUMATIC LOADS THROUGHOUT THE CONDENSATE PRECOAT  
FILTER SYSTEM.

94-B-041-036-R00

38

RECORD DATE: 04/19/1994  
SUBJECT:  
OTHER REF:  
CNTL REF:  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THE ACTIVITY PROPOSED BY PCR 94 2027 IS A CHANGE TO AOP 7 I,  
LOSS OF POWER TO 4KV, 480 VOLT AND 120 / 208 VOLT INSTRUMENT  
BUSES, TO MANUALLY REALIGN THE CHARGING PUMPS SUCTION TO THE  
VCT WHEN POWER IS LOST. THIS WOULD BE ACCOMPLISHED BY PLACING  
CVC 501 MOV CONTROL ROOM HANDSWITCH TO OPEN AND CVC 506 MOV  
CONTROL ROOM HANDSWITCH TO CLOSE.

94-B-041-099-R00

38

RECORD DATE: 09/28/1994  
SUBJECT: UPDATE UFSAR REV. 16 SECTION 9.1.4.3  
OTHER REF:  
CNTL REF:  
ASSOC REC:

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PROPOSED ACTIVITY:

UFSAR, REV. 16 SECTION 9.1 4.3 STATES, IN PART THAT "THE TOTAL VOLUME OF BOTH CONCENTRATED BORIC ACID STORAGE TANKS IS SUFFICIENT TO BRING THE RCS TO REFUELING CONCENTRATION BEFORE INITIATION OF A COOLDOWN FOR REFUELING PURPOSES. HOWEVER, BECAUSE OF THE INCREASED VOLUME REQUIRED TO FLOOD THE REFUELING POOL, A HIGHER BORIC ACID CONCENTRATION THAN CAN BE OBTAINED USING THE AUTOMATIC MODE OF MAKEUP SYSTEM OPERATION IS REQUIRED. THUS SUCTION OF THE CHARGING PUMPS IS SWITCHED TO THE RWT DURING COOL DOWN ." DURING THE PROCESS OF A PROCEDURE SCREEN BY PD&MAU, IT WAS NOTED THAT THE STATEMENT APPEARED TO IMPLY THAT THE REFUELING POOL WAS FLOODED WITH THE CHARGING PUMPS DURING THE COOL DOWN PROCESS. AS NEITHER REFUELING POOL IS FLOODED DURING COOL DOWN OR THE CHARGING PUMPS USED FOR FLOODING THE POOL, THE PROPOSED ACTIVITY IS TO REVISE THE UFSAR SUCH THAT REFERENCE TO SWITCHING CHARGING PUMP SUCTION TO THE RWT DURING COOL DOWN IS DELETED.

94-B-044-041-R3:

38

RECORD DATE: 04/04/1994  
SUBJECT: REPLACE THE HOTWELL LEVEL CONTROLLERS  
OTHER REF:  
CNTL REF: 94-044-003-00  
ASSOC REC:  
TEXT: TEXT TYPE.

PROPOSED ACTIVITY:

REPLACE THE HOTWELL LEVEL CONTROLLER 1-LIC-4405 AND 2-LIC-4405

94-B-045-042-R00

38

RECORD DATE: 04/04/1994  
SUBJECT: REMOVES PUMP BEARING THERMOCOUPLES FOR STEAM GENERATOR FEED PUMPS  
OTHER REF:  
CNTL REF: 94-045-008-00  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS ACTIVITY REMOVES PUMP BEARING THERMOCOUPLES FOR

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STEAM GENERATOR PUMPS 11 AND 12 ON UNIT 1 AND 21 AND 22  
ON UNIT 2. THE PUMP CONNECTIONS WILL BE PLUGGED  
FOLLOWING THERMOCOUPLE REMOVAL. THE THERMOCOUPLES ARE NOT  
ELECTRICALLY CONNECTED AND PROVIDE NO PERMANENT PLANT  
MONITORING FUNCTION.

94-B-058-049-R00

38

RECORD DATE: 04/08/1994

SUBJECT: ADD A FILTER IN THE FORM OF AN ADJUSTABLE LAG MODULE ON THE AVERAGE  
HOT LEG TEMPERATURE INPUT SIGNALS

OTHER REF:

CNTL REF: 93-058-008-00

ASSOC REC:

TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

ADD A FILTER IN THE FORM OF AN ADJUSTABLE LAG MODULE ON  
THE AVERAGE HOT LEG TEMPERATURE INPUT SIGNALS TO THE THERMAL  
MARGIN / LOW PRESSURE TRIP CALCULATORS OF THE REACTOR  
PROTECTIVE SYSTEM. THE LAG MODULES WILL BE PHYSICALLY INSTALLED  
IN AND POWERED FROM THE EXISTING TH / LP CALCULATOR RACKS, AND  
THEY WILL BE FUNCTIONALLY CONNECTED IN THE CIRCUIT.

94-B-059-043-R00

38

RECORD DATE: 07/06/1994

SUBJECT: DELETE MOV 6200 FROM THE LIST OF CONTAINMENT ISOLATION VALVES

OTHER REF:

CNTL REF:

ASSOC REC:

TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS ACTIVITY DELETES MOV 6200 (CONTAINMENT FIRE  
PROTECTION MOTOR OPERATED VALVE) FROM THE LIST  
OF CONTAINMENT ISOLATION VALVES SHOWN IN TABLE 5 - 3,  
ADDS CHECK VALVE (C K V F P - 141 A) TO FIGURE 5 - 10  
OF THE UFSAR, AND IS APPLICABLE TO BOTH UNIT 1 AND 2.  
THIS ACTIVITY DOES NOT CHANGE THE DESIGN OR OPERATION  
OF THE VALVE, OR THE FIRE PROTECTION SYSTEM. THE  
CONTAINMENT ISOLATION FUNCTION FOR THE FIRE PROTECTION  
CONTAINMENT PENETRATION (PENETRATION NO. 44) IS SATISFIED  
BY CHECK VALVES LOCATED ON EACH SIDE OF THE CONTAINMENT WALL.

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94-B-061-031-R00

38

RECORD DATE: 03/21/1994  
SUBJECT: SUPPORT MAINTENANCE PROCEDURES  
OTHER REF:  
CNTL REF:  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS ACTIVITY RELAXES THE OVERHAUL FREQUENCY OF THE CONTAINMENT SPRAY PUMPS ON UNIT 1 AND 2. IN THE RESPONSE TO NRC BULLETIN 88 - 04 (POTENTIAL SAFETY RELATED PUMP LOSS) IT WAS STATED THAT THE CONTAINMENT SPRAY PUMPS WOULD BE OVERHAULED EVERY FIVE YEARS. ADDITIONALLY, BOTH PUMPS ON UNIT 1 ARE SCHEDULED TO BE OVERHAULED DURING THE CURRENT OUTAGE. THIS SAFETY EVALUATION ELIMINATES THE REQUIREMENT TO PERIODICALLY OVERHAUL CONTAINMENT SPRAY PUMPS. FUTURE PUMP OVERHAULS WILL BE BASED ON PUMP PERFORMANCE AND TESTING DATA.

94-B-062-030-R00

38

RECORD DATE: 06/06/1994 06/28/1994  
SUBJECT: INSTALL NEW DG CONTROL CONSOLE IN THE MAIN CONTROL ROOM  
OTHER REF:  
CNTL REF: 89-009-21 89-0079  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS ACTIVITY INSTALLS A NEW DG CONTROL CONSOLE IN THE MAIN CONTROL ROOM. THE DG CONTROL CONSOLE CONSISTS OF FIVE MODULAR CONSOLES WHICH WILL HOUSE CONTROLS, INSTRUMENTS AND ANNUNCIATION FOR FOUR SR DIESEL GENERATORS AND AN AUGMENTED QUALITY SBO DG. IN ORDER TO INSTALL THE DG CONTROL CONSOLE THIS ACTIVITY BREAKS APART EQUIPMENT TO OTHER LOCATIONS WITHIN THE MAIN CONTROL ROOM.

94-B-064-007-R00

38

RECORD DATE: 01/14/1994  
SUBJECT:  
OTHER REF:  
CNTL REF: 94-064-001-00  
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PROPOSED ACTIVITY:

THIS MCR ACTIVITY PROVIDES CHANGING THE ISI AND DESIGN CODE ANSI B31.7 CLASS FROM CLASS I TO CLASS II FOR THE REACTOR VESSEL HEAD FLANGE LEAKAGE MONITORING PIPING DOWNSTREAM OF THE ORIFICE AT THE REACTOR VESSEL FLANGE CONNECTION. THE SUBJECT LINES ARE 3/4" CC - 9 - 1009 AND 2002 PIPING. THE SUBJECT MCR WILL DOWNGRADE THE CLASS I PIPING TO CLASS II BASED UPON TAKING CREDIT FOR A SMALL FLOW ORIFICE IN EACH OF THE REACTOR VESSEL FLANGE CONNECTION AND BY MEETING THE REQUIREMENTS OF 10 CFR 50.55A.

94-B-064-069-R00

38

RECORD DATE: 05/18/1994

SUBJECT: USE OF A HEAVIER (FORGED BODY) PRESSURIZER CODE SAFETY VALVE IN LIEU OF ORIGINALLY ANALYZED CAST BODY VALVE

OTHER REF:

CNTL REF: 94-064-009-00

ASSOC REC:

TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

SAFETY EVALUATION ADDRESSES THE USE OF A HEAVIER (FORGED BODY) PRESSURIZER CODE SAFETY VALVE IN LIEU OF THE ORIGINALLY ANALYZED CAST BODY VALVE. THIS ACTIVITY WILL INCLUDE REVISION AS APPROPRIATE OF THE UFSAR TO REFLECT THE NEW CODE SAFETY VALVE AND ALSO REVIEW AND REVISION, AS APPROPRIATE, OF A NUMBER OF ANALYSES AS A RESULT OF THE HEAVIER VALVE WEIGHT.

94-B-064-071-R00

38

RECORD DATE: 06/29/1994

SUBJECT: REVISE THE UFSAR SECTION 4.1.3.6 REACTOR COOLANT VENT SYSTEM

OTHER REF:

CNTL REF:

ASSOC REC: 2X9401171

TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THE PROPOSED ACTIVITY WOULD REVISE THE UFSAR SECTION 4.1.3.6, REACTOR COOLANT VENT SYSTEM TO RECOGNIZE THE USE OF THE PRESSURIZER VENT VALVES FOR THE FUNCTION

CONTROL DATE: 10/27/1994  
CONTROL TIME: 09:03

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OF DEPRESSURIZING THE RCS DURING A STEAM GENERATOR  
TUBE RUPTURE IN THE EVENT THAT MAIN AND AUXILIARY SPRAY  
ARE UNAVAILABLE.

94-B-069-044-R00

38

RECORD DATE: 07/06/1994

SUBJECT: ALLOWS THE TEMPORARY INSTALLATION OF A 3/4" RUBBER HOSE, PIPING AND  
CHECK VALVE

OTHER REF:

CNTL REF:

ASSOC REC: 1-93-0061

TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

TEMPORARY ALTERATION NO. 1 - 93 - 0061 ALLOWS THE  
TEMPORARY INSTALLATION OF A 3/4" RUBBER HOSE, PIPING  
AND CHECK VALVE BETWEEN THE DEGASIFIER VACUUM PUMP  
ACCUMULATORS OF THE REACTOR COOLANT WASTE PROCESSING  
SYSTEM AND A SUPPLY HEADER OF THE DEMINERALIZED WATER  
SYSTEM. TA 1 - 93 - 0061 IS APPLICABLE IN ALL MODES FOR  
BOTH UNITS.

94-B-073-018-R01

38

RECORD DATE: 05/24/1994

SUBJECT: REVISE ANALYSIS OF HYDROGEN ACCUMULATIONS IN CONTAINMENT DESIGN BASIS

OTHER REF:

CNTL REF:

ASSOC REC:

TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

REVISE ANALYSIS OF HYDROGEN ACCUMULATION IN CONTAINMENT  
DESIGN BASIS EVENT PRESENTED IN THE UFSAR TO ACCOUNT  
FOR INITIAL CONTAINMENT HYDROGEN CONCENTRATION OF UP TO 0.7 VOLUME  
PERCENT. THE REVISED ANALYSIS WAS PERFORMED IN ACCORDANCE  
WITH SAFETY GUIDE 7 AND SER REQUIREMENTS. BY CREDITING  
MODIFIED ASSUMPTIONS AND RELOCATING ANALYSIS MARGINS, IT IS  
SHOWN THAT THE ANALYSIS OF THIS EVENT REMAINS CONSISTENT  
WITH THE CURRENT LICENSING BASIS AND DOES NOT INVOLVE AN  
UNREVIEWED SAFETY QUESTION. NO PLANT MODIFICATIONS ARE  
NECESSARY.

CONTROL DATE: 10/27/1994  
CONTROL TIME: 00:03

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94-B-077-056-R00

38

RECORD DATE: 08/17/1994

SUBJECT: RETIREMENT IN PLACE OF THE UNIT 1 AND UNIT 2 MAIN VENT PARTICULATE  
RADIATION MONITORS.

OTHER REF: SUPPLEMENT00

CNTL REF: 91-0251

ASSOC REC:

TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THE PROPOSED ACTIVITY IS THE RETIREMENT IN PLACE OF THE  
UNIT 1 AND 2 MAIN VENT PARTICULATE RADIATION MONITORS,  
THEIR ASSOCIATED FILTER PAPER DRIVES AND THE CONTROL ROOM  
RATE METERS. THE LOCAL ROOM RATE METERS SHALL BE DEMOLISHED.  
THE ALARM LOGIC FROM THE CONTROL ROOM RATE METERS WILL BE MODIFIED  
TO ELIMINATE ANY NUISANCE ALARMS DUE TO THE RETIREMENT OF THE  
PARTICULATE MONITORS.

94-B-083-064-R00

38

RECORD DATE: 02/16/1994

SUBJECT: ALLOW ABB / COMBUSTION ENGINEERING TUBE STABILIZERS TO BE INSTALLED  
INTO ANY STEAM GENERATOR TUBE ...

OTHER REF:

CNTL REF: 93-083-014-00

ASSOC REC:

TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THE PURPOSE OF THIS ACTIVITY IS TO ALLOW ABB / COMBUSTION  
ENGINEERING TUBE STABILIZERS TO BE INSTALLED INTO ANY STEAM  
GENERATOR TUBE THAT INDICATES CIRCUMFERENTIAL CRACKING  
IN THE TUBESHEET REGION. THE AFFECTED TUBE / TUBES IS  
THEN PLUGGED AT BOTH TUBESHEET ENDS.

94-B-085-089-R00

38

RECORD DATE: 09/28/1994

SUBJECT: RETIRE THE DEW POINT SENSOR LOCATED ON THE METEOROLOGICAL TOWER

OTHER REF:

CNTL REF: 94-085-002-00

ASSOC REC:

TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

CONTROL DATE: 10/27/1994  
CONTROL TIME: 09:03

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THE PROPOSED ACTIVITY RETIRES TH DEW POINT SENSOR  
LOCATED ON THE METEOROLOGICAL TOWER AS DESCRIBED  
IN UFSAR SECTION 2.3.7, CONTINUING STUDIES. UFSAR  
SECTION 2.3.7 DESCRIBES THAT THE METEOROLOGICAL TOWER  
HAS A DEW POINT SENSOR AND THIS SENSOR'S INFORMATION  
IS CONTINUOUSLY MONITORED BY THE OPERATOR. THIS  
UFSAR SECTION WILL BE REVISED BY THIS PROPOSED ACTIVITY  
BY REMOVING ALL REFERENCES TO THE DEW POINT SENSOR.

94-B-102-059-R00

38

RECORD DATE: 04/18/1994  
SUBJECT: TO APPROVE THE STORAGE OF ADDITIONAL MATERIALS IN THE CONTAINMENT  
DURING NORMAL OPERATION  
OTHER REF:  
CNTL REF: 93-102-011-02  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

TO APPROVE THE STORAGE OF ADDITIONAL MATERIALS (E.G.  
GALVANIZED SCAFFOLDING MATERIAL) IN THE CONTAINMENT  
DURING NORMAL OPERATION.

94-B-999-020-R00

38

RECORD DATE: 06/16/1994  
SUBJECT: AQ AND NSR CABLES BETWEEN THE SBO DG BUILDING AND THE AUX BUILDING  
OTHER REF:  
CNTL REF: 89-0079  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS ACTIVITY TERMINATES A NUMBER OF AQ AND NSR CABLES BETWEEN  
THE SBO DIESEL GENERATOR BUILDING AND THE AUXILIARY BUILDING.  
IN ADDITION, A DC VOLTMETER AND AMMETER, INCLUDING THE ASSOCIATED  
INTERNAL WIRING, WILL BE INSTALLED IN THE DC CONTROL PANEL.  
POWER CABLES WILL BE TERMINATED, BUT WILL NOT BE ENERGIZED  
OR FUNCTIONAL UPON COMPLETION OF THIS ACTIVITY.

94-B-999-020-R01

38

RECORD DATE: 09/30/1994  
SUBJECT: TERMINATES A NUMBER OF AQ AND NSR CABLES BETWEEN THE SBO DG BUILDING

CONTROL DATE: 10/27/1994  
CONTROL TIME: 09:03

NORMS RECORDS MANAGEMENT SYSTEM  
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AND THE AUX BLDG.  
OTHER REF:  
CNTL REF: 89-0079  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS ACTIVITY TERMINATES A NUMBER OF AZ AND NSR CABLES BETWEEN THE STATION BLACKOUT (SBO) DIESEL GENERATOR (DG) BUILDING AND TH AUXILIARY BUILDING. IN ADDITION, A DC VOLTMETER AN AMMETER, INCLUDING THE ASSOCIATED INTERNAL WIRING, WILL BE INSTALLED IN THE DC CONTROL PANEL. POWER CABLES WILL BE TERMINATED AT JUNCTION BOX 1 J 692, LOCATED ON THE ROOF OF THE AUX. BLDG., BUT WILL NOT BE ENERGIZED OR FUNCTIONAL UPON COMPLETION OF THIS ACTIVITY.

94-B-999-027-R00

38

RECORD DATE: 06/01/1994  
SUBJECT: INSTALLS CABLE, CONDUIT AND JUNCTION BOXES IN VARIOUS AREAS OF THE AUX BLDG.  
OTHER REF:  
CNTL REF: 89-0079  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS ACTIVITY INSTALLS CABLE, CONDUIT AND JUNCTION BOXES IN VARIOUS AREAS OF THE AUX BLDG. IN ADDITION, THIS ACTIVITY MAKES TERMINATIONS OF SPARE RECORDER POINTS ON THE MAIN CONTROL BOARDS AND DELETES A SECTION OF EMPTY EXISTING TRAY IN THE CASK EQUIPMENT LOADING AREA TO MEET SEPERATION REQUIREMENTS ASSOCIATED WITH RE DESIGNATION OF CABLES TO BE PERFORMED IN THE FUTURE. THIS ACTIVITY CAN BE PERFORMED DURING ANY MODE OF PLANT OPERATION.

94-B-999-037-R00

38

RECORD DATE: 05/23/1994  
SUBJECT: REVISE TO THE UFSAR SUBSTITUTING 43 SIMPLIFIED SINGLE SHEET FLOW DIAGRAMS FOR 99 EXISTING P&ID'S  
OTHER REF:  
CNTL REF:  
ASSOC REC:  
TEXT: TEXT TYPE:

CONTROL DATE: 10/27/1994  
CONTROL TIME: 09:03

NORMS RECORDS MANAGEMENT SYSTEM  
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PROPOSED ACTIVITY:

THE PROPOSED ACTIVITY IS A REVISION TO THE UFSAR,  
SUBSTITUTING 43 SIMPLIFIED SINGLE SHEET FLOW DIAGRAMS  
FOR 99 EXISTING P&IDS. THE EXISTING P&IDS REPRESENT  
39 PLANT SYSTEMS.

94-B-999-045-R00

38

RECORD DATE: 09/22/1994

SUBJECT: MODIFY THE EXISTING ELECTRICAL DISTRIBUTION SYSTEM IN ORDER TO CONNECT  
THE SBO DG OC, TO AN ENGINEERED SAFETY FEATURES BUS IN UNIT 2.

OTHER REF:

CNTL REF: 89-0079

ASSOC REC:

TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS ACTIVITY MODIFIES THE EXISTING ELECTRICAL  
DISTRIBUTION SYSTEM IN ORDER TO CONNECT THE SBO  
DG OC, TO AN ENGINEERED SAFETY FEATURES BUS IN UNIT 2.  
THEREFORE, THIS ACTIVITY DISCONNECTS EDG 12 FROM EMERGENCY  
BUS 24 AND CONNECTS DG OC TO EMERGENCY BUS 24. THIS ACTIVITY  
ALSO ADDS THE RACEWAY AND CABLES NECESSARY TO COMPLETE THIS PART  
OF THE PHASE - IN OF DG OC. ENGINE CONTROLS FOR DG 12 WILL BE  
MODIFIED TO DELETE START SIGNALS ASSOCIATED WITH EMERGENCY  
BUS 24.

94-B-999-071-R00

38

RECORD DATE: 05/06/1994

SUBJECT: RE EVALUATE THE PRE TRIP STEAM LINE BREAK EVENT FOR UNIT 1  
CYCLE 12 AND UNIT 2 CYCLE 10.

OTHER REF: FCR94-3001-02

CNTL REF:

ASSOC REC:

TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

RE EVALUATE THE PRE TRIP STEAM LINE BREAK EVENT  
FOR UNIT 1 CYCLE 12 AND UNIT 2 CYCLE 10.

94-B-001-017-R00

38

CONTROL DATE: 10/27/1994  
CONTROL TIME: 09:03

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RECORD DATE: 03/11/1994  
SUBJECT: SUPPORT THE INSTALLATION OF THE 500 KV CHALK POINT TRANSMISSION LINE  
5072  
OTHER REF:  
CNTL REF: 93-001-001-00  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

VARIOUS TASKS WILL BE PERFORMED UNDER THIS ACTIVITY  
TO SUPPORT THE INSTALLATION OF THE 500 KV CHALK  
POINT TRANSMISSION LINE 5072

94-0-001-017-R01

38

RECORD DATE: 04/28/1994  
SUBJECT: SUPPORTS INSTALLATION OF THE 500 KV CHALK POINT TRANSMISSION LINE  
OTHER REF:  
CNTL REF: 93-001-001-01  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THE FOLLOWING TASKS WILL BE PERFORMED UNDER THIS ACTIVITY  
TO SUPPORT THE INSTALLATION OF THE 500 KV CHALK POINT  
TRANSMISSION LINE 5072:

INSTALL PULSE ISOLATION RELAYS IN CONTROL ROOM PANEL; INSTALL  
WATTMETERS, VARIMETERS AND VOL METERS AND USE OF THREE EXISTING SPARE  
AMMETERS AND ONE SPARE VOL METER INPUT SELECTOR HANDSWITCH  
ON CONTROL PANEL; REWIRING SYNCHRONIZATION JACKS; USE OF EXISTING  
SPARE INDICATION LIGHTS AND PUSHBUTTON HANDSWITCHES; RELOCATION  
OF GENERATOR 21 VOLTAGE OUTPUT AND EXCITER FIELD AMPERAGE METERS.

94-1-012-006-R01

38

RECORD DATE: 09/28/1994  
SUBJECT: ALLOW THE SALT WATER COMBINED RETURN HEADER TO BE REMOVED DURING  
UNIT 1 AND 2 REFUELING OUTAGES.  
OTHER REF:  
CNTL REF:  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:



CONTROL DATE: 10/27/1994  
CONTROL TIME: 09:03

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THE PROPOSED ACTIVITY IS THE INSTALLATION OF TEMPORARY ALTERATIONS (TA) WHICH WILL ALLOW THE SALT WATER COMBINED RETURN HEADER TO BE REMOVED DURING UNIT 1 AND 2 REFUELING OUTAGES. THE 50.59 SAFETY EVALUATION IS APPLICABLE TO THOSE TAs ENVELOPING THE CHANGES DESCRIBED IN THIS EVALUATION.

94-1-12-021-R00

38

RECORD DATE: 02/09/1994

SUBJECT:

OTHER REF:

CNTL REF:

ASSOC REC: 1-94-0009

TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS ACTIVITY SUPPORTS THE PROPOSED USE OF AN EXISTING K LINE WALL 4" DIAMETER PENETRATION SLEEVE BETWEEN THE UNIT 1 CONDENSATE COOLING WATER PUMP ROOM AND THE TURBINE BUILDING DURING THE NEXT UNIT 1 REFUEL OUTAGE FOR CLEANING SALT WATER SYSTEM UNDERGROUND PIPING. THE T A ACTIVITY IS HOWEVER LIMITED TO AN EVALUATION AND PROVISIONS NEEDED TO USE THE EXISTING 4" K LINE PENETRATION. THE K LINE WALL PENETRATION WOULD BE USED ALONG WITH PORTABLE EQUIPMENT, VALVES, AND HOSES AS A DISCHARGE FLOW PATH FROM CCW PUMP ROOM TO A SUITABLE DISPOSAL LOCATION IN THE TURBINE BUILDING. THE SUBJECT ACTIVITY WILL INVOLVE REMOVING THE EXISTING BLIND FLANGES ON BOTH ENDS OF THE EXISTING K LINE WALL PENETRATION, TEMPORARILY REMOVING SHIELDING MATERIAL CURRENTLY INSTALLED INSIDE THE PENETRATION, AND TEMPORARILY ADDING NECESSARY PIPING, FITTINGS, ADAPTERS, AND ISOLATION VALVE AND WILL SPECIFY THE ORDER OF INSTALLATION / REMOVAL OF THESE TEMPORARY ITEMS SUCH THAT THE PENETRATION IS NOT A WATER / AIR FLOW PATH BETWEEN THE TWO BUILDINGS WHILE THIS ACTIVITY IS UNDER WAY. THE SEALING PROVISIONS SHALL ENSURE THAT PENETRATION DOES NOT CONSTITUTE A POTENTIAL FLOW PATH FROM THE TURBINE BUILDING INTO THE UNIT 1 CCW PUMP ROOM FOR FLOODING POSTULATED TO OCCUR IN THE TURBINE BUILDING OR FOR POTENTIAL CONTAMINATED AIR FROM THE UNIT 1 CCW PUMP ROOM (INSIDE THE CCNPP RADIOLOGICALLY CONTROLLED AREA) OUT INTO THE TURBINE BUILDING (OUTSIDE THE RADIOLOGICALLY CONTROLLED AREA).

94-1-012-051-R00

38

RECORD DATE: 04/06/1994

CONTROL DATE: 10/27/1994  
CONTROL TIME: 09:03

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SUBJECT: INSTALLS INLET AND OUTLET PRESSURE GAUGES ON BASKET STRAINER TO TEMP  
REPLACE THE EXISTING BROKEN PRESSURE DIFFERENTIAL INDICATING SWITCH

OTHER REF:

CNTL REF:

ASSOC REC: 1-94-0045

TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

TEMPORARY ALTERATION 1 94 0045 INSTALLS INLET AND OUTLET PRESSURE  
GAUGES ON BASKET STRAINER TO TEMPORARILY REPLACE THE EXISTING  
BROKEN PRESSURE DIFFERENTIAL INDICATING SWITCH. THIS  
DIFFERENTIAL PRESSURE SWITCH IS SHOWN ON UFSAR FIGURE 9 - 8A.  
THIS TEMPORARY ALTERATION WILL ALLOW THE ECCS PUMP ROOM COOLERS  
SYSTEM TO BE TEMPORARILY INCONSISTENT WITH THE UFSAR FIGURE. FOR  
THIS REASON A SAFETY EVALUATION HAS BEEN WRITTEN.

94-1-012-064-R00

38

RECORD DATE: 04/22/1994

SUBJECT: INSTALLS INLET AND OUTLET PRESSURE GAUGES ON BASKET STRAINER TO  
REPLACE THE EXISTING BROKEN PRESSURE DIFFERENTIAL

OTHER REF:

CNTL REF:

ASSOC REC: 1-94-0056

TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

TEMPORARY ALTERATION 1 94 0056 INSTALLS INLET AND OUTLET  
PRESSURE GAUGES ON BASKET STRAINER TO TEMPORARILY REPLACE  
THE EXISTING BROKEN PRESSURE DIFFERENTIAL INDICATING SWITCH.  
THIS DIFFERENTIAL PRESSURE SWITCH IS SHOWN ON UFSAR FIGURE 9 - 8A  
THIS TEMPORARY ALTERATION WILL ALLOW THE ECCS PUMP ROOM COOLERS  
SYSTEM TO BE TEMPORARILY INCONSISTENT WITH THE UFSAR FIGURE.  
FOR THIS REASON A SAFETY EVALUATION HAS BEEN WRITTEN.

94-1-030-016-R00

38

RECORD DATE: 01/29/1994

SUBJECT: MECHANICALLY GAG CONTROL ROOM HVAC UNIT #12 RECIRCULATION AIR  
DAMPER IN THE FAIL SAFE POSITION (OPEN)

OTHER REF:

CNTL REF:

ASSOC REC: 1-94-0021

TEXT: TEXT TYPE:

CONTROL DATE: 10/27/1994  
CONTROL TIME: 09:03

NORMS RECORDS MANAGEMENT SYSTEM  
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PROPOSED ACTIVITY:

MECHANICALLY GAG CONTROL ROOM HVAC UNIT #12 RECIRCULATION AIR DAMPER  
IN THE FAIL SAFE POSITION (OPEN) TO ALLOW THE DAMPER TO REMAIN  
OPEN WHILE REPAIRS ARE MADE TO THE ASSOCIATED DAMPER PARTS.

94-1-033-012-R00

38

RECORD DATE: 01/24/1994

SUBJECT: ALLOWS THE USE OF BREAKERS FOR TEMPORARY POWER USED IN EQUIPMENT IN  
THE TURBINE BUILDING.

OTHER REF:

CNTL REF:

ASSOC REC:

TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

TEMPORARY ALTERATION 1 94 0007 ALLOWS THE USE OF BREAKERS  
52-10104 AND 52-11657 FOR TEMPORARY POWER USED IN EQUIPMENT  
IN THE TURBINE BUILDING. VARIOUS LOADS WILL BE CONNECTED  
TO THESE POWER SOURCES. CURRENTLY BREAKERS 52-10104 AND  
52-11657 PROVIDE POWER TO TURBINE BUILDING HEATING AND VENTILATING  
SUPPLY FANS 11 AND 15 AND THEIR ASSOCIATED DAMPERS. THIS  
TEMPORARY ALTERATION WILL REMOVE THE FAN MOTORS POWER BUT  
WILL STILL SUPPLY POWER TO THEIR ASSOCIATED DAMPERS. THE  
DESCRIPTION OF THE SUPPLY FANS IS LISTED IN UFSAR SECTION  
9.8.2.4 THIS TEMPORARY ALTERATION WILL ALLOW THE TURBINE  
BUILDING SUPPLY FANS TO BE TEMPORARILY INCONSISTENT WITH THE  
UFSAR DESCRIPTION. FOR THIS REASON A SAFETY EVALUATION HAS BEEN WRITTEN.

94-1-037-070-R00

38

RECORD DATE: 05/25/1994

SUBJECT: THE PROPOSED ACTIVITY IS THE ADDITION OF 3/4 INCH HOSE CONNECTIONS,  
VALVES AND FITTINGS DOWNSTREAM OF MANUAL VALVE

OTHER REF:

CNTL REF:

ASSOC REC:

TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THE PROPOSED ACTIVITY IS THE ADDITION OF 3/4 INCH HOSE  
CONNECTIONS, VALVES AND FITTINGS DOWNSTREAM OF MANUAL  
VALVE 1 - D W - 280 IN THE DEMINERALIZED WATER SUPPLY LINE  
TO THE UNIT 1 REACTOR VESSEL HEAD WASHDOWN AREA.

CONTROL DATE: 10/27/1994  
CONTROL TIME: 09:03

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94-1-041-093-R00

38

RECORD DATE: 08/23/1994  
SUBJECT: INSTALLS A BLIND FLANGE AT THE OUTLET PIPE FLANGE FOR 1 RV 318.  
OTHER REF:  
CNTL REF:  
ASSOC REC: 1-94-0090  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS TEMP ALT INSTALLS A BLIND FLANGE AT THE OUTLET  
PIPE FLANGE FOR 1 RV 318 (#12 CHARGING PUMP SUCTION  
LINE RELIEF VALVE). THE #12 CHARGING PUMP WILL BE OUT  
OF SERVICE (SAFETY TAGGED AND ISOLATED) FOR TH DURATION  
OF THIS TEMPORARY ALT.

94-1-045-057-R00

38

RECORD DATE: 04/13/1994  
SUBJECT: DISCONNECT AND CAP THE PLANT AIR LINES WHICH SUPPLY 11 AND 12 STEAM  
GENERATOR FEED PUMP TURBINE VACUUM TRIP UNITS  
OTHER REF:  
CNTL REF: 94-045-004-00  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

DISCONNECT AND CAP THE PLANT AIR LINES WHICH SUPPLY  
11 AND 12 STEAM GENERATOR FEED PUMP TURBINE VACUUM  
TRIP UNITS.

94-1-061-015-R00

38

RECORD DATE: 01/31/1994  
SUBJECT: INSTALL TEMPORARY (TENT LIKE) COVERS ASSEMBLIES OVER THE TRISODIUM  
PHOSPHATES DODECAHYDRATE BASKETS.  
OTHER REF:  
CNTL REF:  
ASSOC REC: 1-94-0013  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THE PROPOSED ACTIVITY IS THE INSTALLATION OF TEMPORARY ALTERATION  
1 94 0013 DURING THE UNIT 1 SPRING 1994 REFUELING OUTAGE. THIS 50.59

CONTROL DATE: 10/27/1994  
CONTROL TIME: 09:03

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SAFETY EVALUATION IS APPLICABLE TO OTHER TAs ENVELOPING THE CHANGES  
DESCRIBED IN THIS EVALUATION.

THE TA INSTALLS TEMPORARY (TENT LIKE) COVERS ASSEMBLIES OVER THE  
TRISODIUM PHOSPHATES DODECAHYDRATE BASKETS.

94-1-064-063-R00

38

RECORD DATE: 04/21/1994

SUBJECT: INSTALLATION OF A STAINLESS STEEL PLUG IN PLACE OF A HEATER IN THE  
UNIT 1 PRESSURIZER.

OTHER REF:

CNTL REF: 91-0270-05

ASSOC REC:

TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS ACTIVITY AUTHORIZES THE INSTALLATION OF A STAINLESS STEEL  
PLUG IN PLACE OF A HEATER IN THE UNIT 1 PRESSURIZER. THE  
REPLACEMENT PLUG WILL DUPLICATE THE DIMENSIONS OF THE  
PREVIOUSLY INSTALLED HEATER AND WILL BE SEAL WELDED IN THE SAME  
CONFIGURATION AS THE EXISTING HEATERS IN THE PRESSURIZER.

94-1-064-063-R01

38

RECORD DATE: 04/26/1994

SUBJECT: INSTALLATION OF A STAINLESS STEEL PLUG INSIDE THE LOWER PORTION OF THE  
HEATER SHEATH IN THE UNIT 1 PRESSURIZER AT LOCATION CC-1.

OTHER REF:

CNTL REF: 91-0270-0002-01

ASSOC REC:

TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS ACTIVITY AUTHORIZES THE INSTALLATION OF A STAINLESS  
STEEL PLUG INSIDE THE LOWER PORTION OF THE HEATER SHEATH  
IN THE UNIT 1 PRESSURIZER AT LOCATION CC-1. THE REPLACEMENT  
PLUG WILL HAVE THE SAME DIMENSIONS AS THE EXISTING HEATER  
AT THE BOTTOM OF THE HEATER SLEEVE AND WILL BE SEAL WELDED  
IN THE SAME CONFIGURATION AS THE EXISTING HEATERS IN THE  
PRESSURIZER.

94-1-064-066-R00

38

RECORD DATE: 05/01/1994

CONTROL DATE: 10/27/1994  
CONTROL TIME: 09:03

NORMS RECORDS MANAGEMENT SYSTEM  
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SUBJECT: REMOVING THE REACTOR VESSEL HEAD VENT LINE FROM SERVICE IN ORDER TO  
SUPPORT REPAIR / REPLACEMENT OF A PORTION OF THE HEAD VENT LINE TUBE

OTHER REF:

CNTL REF:

ASSOC REC:

TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS ACTIVITY SUPPORTS TEMPORARILY REMOVING THE REACTOR  
VESSEL HEAD VENT LINE FROM SERVICE IN ORDER TO SUPPORT  
REPLACEMENT / REPAIR OF A PORTION OF THE HEAD VENT LINE  
TUBING WHICH HAS PINHOLE SIZE LEAKS AND NEEDS TO BE REPLACED.

94-1-064A-038-R00

38

RECORD DATE: 03/27/1994

SUBJECT: PLUGGING PRESSURIZER HEATER SLEEVE PENETRATIONS AT CCNPP - 1 USING  
ALLOY 690 PLUGS WELDED TO THE LOWER HEAD OUTSIDE SURFACE

OTHER REF:

CNTL REF: 91-0270-02

ASSOC REC:

TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

PLUGGING PRESSURIZER HEATER SLEEVE PENETRATIONS UNIT 1  
USING ALLOY 690 PLUGS WELDED TO THE LOWER HEAD OUTSIDE  
SURFACE BY THE SMAW HALF BEAD TECHNIQUE.

94-1-076-047-R00

38

RECORD DATE: 04/20/1994

SUBJECT: ALLOW THE UNIT 1 CONDENSER HOTWELL SAMPLE DISCHARGE TUBING TO BE  
DISCONNECTED

OTHER REF:

CNTL REF:

ASSOC REC: 1-94-0010

TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THE PURPOSE OF THIS TEMPORARY ALTERATION IS TO ALLOW THE UNIT 1  
CONDENSER HOTWELL SAMPLE DISCHARGE TUBING TO BE DISCONNECTED  
FROM THE MISCELLANEOUS DRAIN TANK PIPING AND RE ROUTED TO  
A TURBINE BUILDING FLOOR DRAIN. THIS TEMPORARY CONFIGURATION  
IS ALLOWED TO BE IN PLACE DURING ALL MODES AND DEFUELED. THERE  
ARE NO FURTHER CHANGES OR IMPACT ON THE SAR.

CONTROL DATE: 10/27/1994  
CONTROL TIME: 09:03

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94-1-083-046-R00

38

RECORD DATE: 04/06/1994  
SUBJECT: INSTALL STEAM SAMPLE POINTS  
OTHER REF:  
CNTL REF: 94-083-001-00  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THE SCOPE OF THIS MCR IS TO INSTALL STEAM SAMPLE POINTS, WHICH MAY CONTAIN ISO KINETIC STEAM PROBES, IN THE UNIT ONE MAIN STEAM LINES. AT THE END OF EACH STEAM SAMPLE PIPING, STEAM QUALITY METERS CAN BE INSTALLED TO OBTAIN DATA ON THE STEAM QUALITY OF THE HS SYSTEM. IN ADDITION, A PRESSURE TAP AND TEMPERATURE SENSOR WILL BE INSTALLED UNDER THIS MCR TO SUPPORT THE DATA OBTAINED BY THE STEAM QUALITY METER. THE INSTRUMENT WILL ALLOW A COMPLETE AND REDUNDANT MEASUREMENT OF THE THERMODYNAMIC CONDITION OF THE STEAM. THERE ARE NO FURTHER CHANGES OR IMPACT ON THE SAR.

94-1-084-032-R00

38

RECORD DATE: 03/09/1994  
SUBJECT: MODIFY UNIT 1 REACTOR VESSEL HEAD FLANGE LEAKAGE MONITORING PIPING  
OTHER REF:  
CNTL REF: 94-084-001-00  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THE SUBJECT MCR IS TO MODIFY THE UNIT 1 REACTOR VESSEL FLANGE LEAKAGE MONITORING PIPING. THE REACTOR VESSEL HAS TWO IDENTICAL PENETRATIONS THROUGH THE VESSEL FLANGE 180 DEGREES APART FROM EACH OTHER TO ALLOW FOR MONITORING OF THE REACTOR VESSEL HEAD FLANGE INNER O-RING LEAKAGE. ONLY ONE OF THESE PENETRATIONS IS USED. CURRENTLY, THE PIPING FOR THE MONITORING PRESSURE INDICATOR IS CONNECTED TO THE PENETRATION THAT IS APPROXIMATELY AT THE 344 DEGREE POSITION ON THE VESSEL FLANGE. THE SUBJECT MCR WILL ALLOW THE USE OF THE SPARE PENETRATION THAT IS APPROXIMATELY AT THE 164 DEGREE POSITION ON THE VESSEL FLANGE. TUBING WILL BE RUN TO CONNECT THE EXISTING PIPING TO THE PENETRATION TO BE



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USED. JUSTIFICATION AND ENGINEERING FOR SEALING THE  
CURRENTLY USED PENETRATION WILL BE COVERED UNDER FUTURE  
ENGINEERING PACKAGES / 50.59 EVALUATIONS AS APPLICABLE.  
ADMINISTRATIVE CONTROLS WILL ENSURE THIS OCCURS PRIOR TO  
RETURNING THE SYSTEM TO SERVICE.

94-1-999-040-R00

38

RECORD DATE: 03/31/1994  
SUBJECT: LOAD THE UNIT 1 CYCLE 12 CORE. OPERATOR IN MODES 6 THROUGH 3.  
OTHER REF: 94-3001  
CNTL REF:  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

LOAD THE UNIT 1 CYCLE 12 CORE. OPERATE IN MODES 6 THROUGH 3.

94-1-999-052-R00

38

RECORD DATE: 05/09/1994  
SUBJECT: TERMINATES SAFETY RELATED AND NON SAFETY RELATED CABLES FOR REMOTE  
OPERATION OF A NEW SAFETY RELATED EDG DG1A.  
OTHER REF:  
CNTL REF: 89-0079  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS ACTIVITY TERMINATES SAFETY RELATED AND NON SAFETY RELATED  
CABLES FOR REMOT OPERATION OF A NEW SAFETY RELATED EMERGENCY  
DIESEL GENERATOR (EDG) DG 1A. THIS ACTIVITY PROVIDES THE DESIGN  
REQUIREMENTS FOR TERMINATION OF THE CABLES ASSOCIATED WITH  
4 KV, 480 VAC AND 125 VDC BUSES.

94-1-999-058-R00

36

RECORD DATE: 04/29/1994  
SUBJECT: OPERATE UNIT 1 CYCLE 12 IN MODES 1 AND 2  
OTHER REF: 94-3001SUPPLEMENT1  
CNTL REF:  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

CONTROL DATE: 10/27/1994  
CONTROL TIME: 09:03

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OPERATE UNIT 1 CYCLE 12 IN MODES 1 AND 2.

94-1-999-058-R01      38  
RECORD DATE: 05/13/1994  
SUBJECT: RE EVALUATE PRE TRIP STEAM LINE BREAK FOR UNIT 1 CYCLE 12  
OTHER REF:  
CNTL REF:  
ASSOC REC:  
TEXT: TEXT TYPE:  
PROPOSED ACTIVITY:  
  
RE EVALUATE PRE TRIP STEAM LINE BREAK FOR UNIT 1  
CYCLE 12 USE METHODOLOGY THAT IS DESCRIBED IN THE  
USFAR TO PREDICT FUEL FAILURES.

94-2-011-035-R00      38  
RECORD DATE: 05/02/1994  
SUBJECT: REPLACES TWO MANUAL GATE VALVES ON THE SRW INLET LINES  
OTHER REF:  
CNTL REF: 94-011-003-00  
ASSOC REC:  
TEXT: TEXT TYPE:  
  
PROPOSED ACTIVITY:  
  
THIS ACTIVITY REPLACES THE TWO MANUAL GATE VALVES ON THE SRW  
SYSTEM INLET LINES TO THE AIR SIDE AND HYDROGEN SIDE SEAL OIL  
HEAT EXCHANGERS (HXS) WITH NEW GLOBE VALVES. THESE GLOBE  
VALVES ARE BETTER FOR THROTTLING THE SRW FLOW TO THE HXS  
DURING COLD WEATHER CONDITIONS IN ORDER TO MAINTAIN PROPER  
HX TEMPERATURES.

94-2-024-088-R00      38  
RECORD DATE: 08/24/1994  
SUBJECT: INSTALLATION OF AN UPGRADE KIT PROVIDED BY EDG SUPPLIER ON EDG NO. 11  
OTHER REF:  
CNTL REF: 93-0203  
ASSOC REC:  
TEXT: TEXT TYPE:  
  
PROPOSED ACTIVITY:  
THIS ACTIVITY ADDRESSES THE INSTALLATION OF AN UPGRADE KIT  
PROVIDED BY THE EDG SUPPLIER ON EDG NO 21. THE INSTALLATION

CONTROL DATE: 10/27/1994  
CONTROL TIME: 09:03

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WILL UPGRADE THE HORSEPOWER RATING OF THE EDG ENGINE FROM  
300 HP / CYLINDER TO 350 HP / CYLINDER BY REPLACING THE  
EXISTING CYLINDER LINERS; REPLACING THE EXISTING PISTONS  
REPLACING TH EXISTING TURBOCHARGER; ELIMINATING THE AIR  
INLET CHECK VALVE ASSEMBLY AN CONTROL MECHANISM.

94-2-036-094-R00

38

RECORD DATE: 08/22/1994  
SUBJECT: APPROVE INSTALLATION OF A LEAK REPAIR CLAMP ON THE FLANGE 2 FO 66 24.  
OTHER REF:  
CNTL REF:  
ASSOC REC: 2-94-0043  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS ACTIVITY APPROVES THE INSTALLATION OF A LEAK REPAIR  
CLAMP ON TH FLANGE 2 FO 66 24. CURRENTLY THIS FLANGE  
HAS A GASKET LEAK WHICH PRESENTS ITSELF DURING AFW  
PUMP OPERATION.

94-2-041-055-R00

38

RECORD DATE: 04/25/1994  
SUBJECT: ALLOWS INSTALLATION OF AN IN LINE BUTT WELDED FLOW RESTRICTING ORIFICE  
IN THE BYPASS LINE  
OTHER REF:  
CNTL REF: 91-0272-01  
ASSOC REC:  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS ACTIVITY ALLOWS THE INSTALLATION OF AN IN LINE BUTT  
WELDED FLOW RESTRICTING ORIFICE, IN THE 2-CV-519 BYPASS LINE,  
DOWNSTREAM OF 2 CVC 188. THE ORIFICE INSTALLATION WOULD REPLACE  
THE NEED TO THROTTLE CVC 188.

94-2-062-050-R00

38

RECORD DATE: 07/06/1994  
SUBJECT: MODIFIES EQUIPMENT ASSOCIATED WITH THE EMERGENCY POWER SOURCES AND THE  
13.8 KV 4.16 KV AND 480 V DISTRIBUTION SYSTEMS.  
OTHER REF:  
CNTL REF: 89-0079  
ASSOC REC:

CONTROL DATE: 10/27/1994  
CONTROL TIME: 09:03

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TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS ACTIVITY MODIFIES EQUIPMENT ASSOCIATED WITH THE  
EMERGENCY POWER SOURCES AND THE 13.8 KV, 4.16 KV, AND  
480 V DISTRIBUTION SYSTEMS.

94-2-064-008-R00      38  
RECORD DATE: 01/16/1994  
SUBJECT:  
OTHER REF:  
CNTL REF:  
ASSOC REC: 2-94-0004  
TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

THIS TA ACTIVITY REVERSES THE LOGIC FOR THE PRESSURE  
ALARM (2 PIA 118) FOR THE REACTOR VESSEL (RV) HEAD FLANGE  
HIGH PRESSURE INDICATION ALARM. THIS PRESSURE ALARM  
IS TIED DIRECTLY TO THE ANNULUS BETWEEN THE TWO RV HEAD  
FLANGE O RINGS VIA (3/4" CC - 9 - 2002) PIPING. THE  
ALARM NORMALLY MONITORS THE INNER O RING CONDITION AND IS USED  
TO ALERT THE PLANT OPERATORS (ALARMS ON PANEL 2 C 06) OF AN  
INCREASING PRESSURE TO A PRESET VALUE WHICH WOULD SIGNAL  
LEAKAGE PAST THE INNER O RING SEAL. IN ORDER TO PROVIDE REMOTE  
MONITORING OF THE CONDITION OF THE OUTER O RING SEAL, THE PRESSURE  
ALARM WILL BE MODIFIED SUCH THAT THE ALARM WILL PROVIDE INDICATION  
TO PLANT OPERATORS WHEN PRESSURE DECREASES BETWEEN THE TWO

RV HEAD FLANGES O RINGS. THE FUNCTION OF THIS ALARM WILL  
BE CHANGED TO MONITOR THE CONDITION OF THE OUTER O RING SEAL  
BY LEAVING THE ANNULUS PRESSURIZED AND CONVERTING THE PRESSURE  
ALARM WHEN THE PRESSURE FALLS TO A PRESET VALUE.

94-2-066-078-R00      38  
RECORD DATE: 06/16/1994  
SUBJECT: PROVIDE JUSTIFICATION FOR INSTALLATION OF A PLATE TO COVER THE  
OPENING IN THE CONTAINMENT COOLING SYSTEM DUCTWORK  
OTHER REF:  
CNTL REF:  
ASSOC REC: 2-94-0021  
TEXT: TEXT TYPE:

CONTROL DATE: 10/27/1994  
CONTROL TIME: 09:03

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PROPOSED ACTIVITY:

THIS ACTIVITY PROVIDES JUSTIFICATION FOR INSTALLATION  
OF A PLATE TO COVER THE OPENING IN THE CONTAINMENT  
COOLING SYSTEM DUCTWORK AFTER REMOVAL OF THE #21  
CAVITY COOLING FAN AND MOTOR FOR MAINTENANCE / REPAIR  
WORK.

94-2-999-072-R00

38

RECORD DATE: 05/13/1994

SUBJECT: RE ANALYZE THE PRE TRIP STEAM LINE BREAK EVENT FOR U2 CYCLE 10 USING  
METHODOLOGY DESCRIBED IN THE SAR.

OTHER REF:

CNTL REF:

ASSOC REC:

TEXT: TEXT TYPE:

PROPOSED ACTIVITY:

RE ANALYZE THE PRE TRIP STEAM LINE BREAK EVENT FOR UNIT 2  
CYCLE 10 USING METHODOLOGY DESCRIBED IN THE SAR.

94-2-999-072-R01

38

RECORD DATE: 08/15/1994

SUBJECT: RE ANALYZES THE PRE TRIP STEAM LINE BREAK FOR U2 CYCLE 10 USING THE  
FUEL PIN FAILURE METHODOLOGY.

OTHER REF: 94-3002-1

CNTL REF:

ASSOC REC:

TEXT: TEXT TYPE:

PROPOSED ACTIVITY

THE PROPOSED ACTIVITY, LIKE REV 0, RE ANALYZES THE  
PRE TRIP STEAM LINE BREAK EVENT FOR UNIT 2 CYCLE 10  
USING THE FUEL PIN FAILURE METHODOLOGY THAT IS DESCRIBED  
BY THE SAR AND THAT WAS PREVIOUSLY REVIEWED BY THE NRC.  
BOTH THIS RE ANALYSIS AND THAT DESCRIBED IN REV 0 RESTRICT  
LIMITS ON TOTAL INTERGRATED RADIAL PEAKING FACTOR AND TOTAL  
PLANAR RADIAL PEAKING FACTOR SUFFICIENTLY TO KEEP THE PREDICTED  
NUMBER OF FUEL FAILURES AT THE SAME PERCENTAGE PREVIOUSLY REPORTED  
TO THE NRC.