



Consumers
Power
Company

General Offices: 1945 West Parnall Road, Jackson, MI 49201 • (517) 788-0550

August 28, 1985

Director,
Nuclear Reactor Regulation
US Nuclear Regulatory Commission
Washington, DC 20555

DOCKET 50-155 - LICENSE DPR-6 - BIG ROCK POINT PLANT -
INTEGRATED PLAN SEMI-ANNUAL UPDATE NO. 3

Consumers Power Company letter dated February 2, 1984 committed to semi-annual updating of the Integrated Plan. Accordingly, this letter provides, in the attachment, individual issue sheets for all issues and a status for all open issues and issues completed since the second semi-annual update of February 12, 1985. In accordance with our license amendment request dated June 7, 1985, the issues are grouped into A and B categories. Included on the issue sheets is the present status of each issue. No new issues have been added since the second update. Five issues have been completed or have been cancelled. Schedules have been changed for seven issues. Eighty-three out of one hundred twenty-six issues are now considered complete or resolved. Of the forty-three open issues, twenty-one are targeted for completion prior to the end of 1985, nine are targeted for completion during 1986, two are targeted beyond 1986. Nine issues are not scheduled and two issues are ongoing.

Closed Issues Since Previous Update

Issue 61 Equipment Identification - This issue was cancelled at the June Technical Review Group (TRG) meeting because of the estimated resources required to complete and the low ranking of the issue.

Issue 63 Containment Purge and Vent - This issue was completed. Debris screens were installed and the system was declared operable on May 30, 1985. NRC letter dated May 24, 1985 approved this resolution.

Issue 71 Change Piping in Chem Lab Hot Hood - This issue was cancelled because the proposed piping change has been determined to not be required.

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PDR ADDCK 05000155
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11/90

- Issue 77A Investigate Incore Availability Problem - This issue was cancelled. Consumers Power Company has determined that the incore detectors will be left in technical specifications and the flux wires will not be added. The NRC by letter dated June 12, 1985, has concurred in this resolution.
- Issue 98 Revisions to 125-volt DC Drawings - This issue was completed. Revised as-built drawings have been issued.

Schedule Change Issues Since Previous Update

- Issue 5 Control Room Design Review - The schedule for this issue has been changed from October 31, 1985 to April 15, 1986. The NRC was previously informed of this change in our May 31, 1985 letter.
- Issue 11 Rucker System - The schedule for this issue has been changed from January 31, 1985 to October 1, 1985. The NRC was previously informed of this change in our February 25, 1985 letter.
- Issue 14 Seismic Design Considerations - The schedule for this issue was changed from May 31, 1985 to October 15, 1985. The NRC was previously informed of this change in our May 31, 1985 and June 14, 1985 letters.
- Issue 36 Environmental Qualification of Electrical Equipment (EEQ) - The schedule for this issue was changed from March 31, 1985 to November 30, 1985. An extension for this date was requested by our February 21, 1985 letter and was granted by the NRC in a letter dated March 27, 1985.
- Issue 82 RDS Depressurization Pilot Valve Leakage - This issue was scheduled for completion by June 31, 1985. A status of the evaluations was submitted to the NRC in our February 11, 1985 letter. As a result of the evaluations, the valve vendor has been contacted for recommendations on sleeving or replacing the existing valve tops with a non-corrosive material. Following receipt of the vendor recommendations, an evaluation will be completed and a course of action and implementation schedule will be developed.
- Issue 83 Full Stroke Testing of Reactor Depressurization Valves - This issue was scheduled for completion by March 31, 1985. During the 1985 refueling outage, one Target Rock valve will be removed and sent to a vendor for refurbishment and full stroke testing. The results and experience gained will be evaluated for potential technical specification changes to incorporate routine full stroke surveillance testing. Following completion of these activities, a course of action and implementation schedule will be developed.

Issue 90 Classification of Structures, Systems and Components - The schedule for this issue was changed from May 31, 1985 to April 30, 1986. The NRC was previously informed of this change in our May 31, 1985 and June 14, 1985 letters.

Unscheduled Issues

Issue 6 Safety Parameter Display System - This issue is unscheduled. The need for the system will be determined during the Control Room Design Review, Issue 5. If it is determined that a SPDS is required, a schedule will be developed at that time.

Issue 23 Balance of Plant QA Plan Development - This issue is unscheduled due to lack of resources and low priority. This issue will be re-evaluated by TRG at next regular meeting.

Issue 45 ECCS Test Terminal Box - This issue is unscheduled due to low priority. A schedule will be developed when higher priority work is finished.

Issue 48A Cleanup Demineralizer System Pump Bypass - This issue is unscheduled. A new schedule will be developed for this issue by the end of 1985.

Issue 50A1 MSIV Backup Valves - Leak Testing - This issue is unscheduled. A new schedule will be developed for this issue by the end of 1985.

Issue 51 Design Codes, Criteria and Load Combinations - This issue is unscheduled. It is dependent upon completion of issues 14 and 90. A schedule will be developed following completion of these issues.

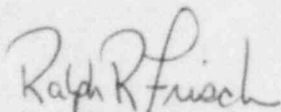
Issue 73 Control of Heavy Loads - This issue is unscheduled. The completion of previously identified actions as requested by Generic Letter 85-11 is being re-evaluated. Pending the re-evaluation a schedule will be developed accordingly.

Issue 104 Core Spray Pump Suction Strainer Blockage - This is an unscheduled issue due to low priority. A schedule will be developed for this issue by the end of 1985.

Director, Nuclear Reactor Regulation
Big Rock Point Plant
Semi-Annual Update No. 3
August 28, 1985

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Issue 109 Backup High Range Stack Monitor - This is an unscheduled issue. A new issue manager has been assigned and a completion schedule for remaining activities will be developed by the end of 1985.



Ralph R Frisch
Senior Licensing Analyst

CC Administrator, Region III, USNRC
NRC Resident Inspector - Big Rock Point Plant

Attachment

ATTACHMENT

Consumers Power Company
Big Rock Point Plant
Docket 50-155

ISSUE SHEET INDEX
AND ISSUE SHEETS FOR ALL ISSUES
FOR SEMI-ANNUAL UPDATE NO. 3

August 28, 1985

144 Pages

ISSUES BY ISSUE NUMBER

<u>ISSUE NUMBER</u>	<u>ISSUE SCORE</u>	<u>ISSUE DESCRIPTION</u>	<u>STATUS</u>
001	9	HEAT EXCHANGER TUBE BUNDLE REPLACEMENT	COMPLETE
002	13	ACID LINE EXTENSION	COMPLETE
003	5	REACTOR COOLANT PRESSURE BOUNDARY LEAKAGE DETECTION	COMPLETE
004	13	STACK GAS MONITORING	COMPLETE
005	11	CONTROL ROOM DESIGN REVIEW	ACTIVE
006	.	SAFETY PARAMETER DISPLAY SYSTEM	INACTIVE
007	6	SCRAM DUMP TANK LEVEL INSTRUMENTATION	COMPLETE
008	14	SINGLE CHANNEL RESET INVESTIGATION	COMPLETE
009	4	REACTOR COOLING WATER PRESSURE STUDY	COMPLETE
009A	14	INSTALLATION OF TELLTALS ON SHUTDOWN HEAT EXCHANGER	ACTIVE
010	8	VENTILATION FOR PANEL C-52	COMPLETE
011	21	RUCKER SYSTEM	ACTIVE
012	.	RESIDUAL HEAT REMOVAL HEAT EXCHANGER TUBE FAILURE	COMPLETE
013	2	PURITY OF PRIMARY COOLANT	COMPLETE
014	18	SEISMIC DESIGN CONSIDERATIONS	ACTIVE
015	5	CONTAINMENT ELECTRICAL PENETRATIONS	COMPLETE
016	19	SECONDARY SYSTEM INSTABILITIES	ACTIVE
017	13	PCS ISOLATION - PC SYSTEM	ACTIVE
018	16	HIGH PRESSURE RECYCLE	ACTIVE
019	0	HYDROGEN MONITORING	COMPLETE
020	4	INSTRUMENTATION TO DETECT INADEQUATE CORE COOLING	COMPLETE
021	7	RECIRCULATION PUMP TRIP	COMPLETE
022A	13	ORGANIC MATERIALS (WALL COATINGS)	ACTIVE
022B	1	POST ACCIDENT CHEMISTRY - SEP TOPIC VI-1	COMPLETE
023	4	BALANCE OF PLANT QA PLAN DEVELOPMENT	INACTIVE
024	11	INSTALLATION OF DP GAUGE ON NONREGEN HEAT EXCHANGER	COMPLETE
025	10	WIND AND TORNADO LOAD & TORNADO MISSILE - SEP TOPICS III-2 & III-4.A	ACTIVE
026	0	ISI OF WATER CONTROL STRUCTURES	COMPLETE
027	2	SERVICE WATER/COOLING WATER SYSTEMS	COMPLETE
028	3	PROXIMITY OF TECTONIC STRUCTURES	COMPLETE
029	1	TURBINE MISSILES	COMPLETE

<u>ISSUE</u> <u>NUMBER</u>	<u>ISSUE</u> <u>SCORE</u>	<u>ISSUE DESCRIPTION</u>	<u>STATUS</u>
030	1	RADIOLOGICAL EFFLUENT TECHNICAL SPECIFICATIONS	ACTIVE
031	3	DEFINITION OF OPERABILITY	ACTIVE
032	17	EMERGENCY OPERATING PROCEDURE UPGRADE	ACTIVE
033	0	REFERENCE VOLUME CHAMBER REMOVAL	COMPLETE
034	1	CONTROL ROOM AIR CONDITIONING	ACTIVE
035B	5	FHSR UPDATE STUDY	ACTIVE
036	14	ENVIRONMENTAL QUALIFICATION OF ELECTRICAL EQUIPMENT (EEQ)	ACTIVE
037	8	PROBABLE MAXIMUM FLOOD CONSIDERATIONS	COMPLETE
038	2	SAFETY RELATED WATER SUPPLY - SEP TOPIC II-3.C	COMPLETE
039	1	EFFECTS OF HIGH WATER LEVEL - SEP TOPIC III-3.A	COMPLETE
040	3	PIPING AND SAFE END INTEGRITY	COMPLETE
041	0	CLASSIFICATION OF STRUCTURES, SYSTEMS, & COMPONENTS	COMPLETE
042	21	ONGOING ISI	COMPLETE
043	4	MECHANICAL SNUBBERS	COMPLETE
044	8	VERIFICATION OF BS&B VALVE DATA	ACTIVE
045	0	ECCS TEST TERMINAL BOX	ACTIVE
046	18	REVISED REACTOR VESSEL PRESSURE/TEMPERATURE LIMITS	COMPLETE
047	0	SPENT FUEL POOL CLEANUP	COMPLETE
048	14	CLEAN-UP DEMINERALIZER SYSTEM PUMP REPLACEMENT INVESTIGATION	COMPLETE
048A	16	CLEANUP DEMINERALIZER SYSTEM PUMP BYPASS	ACTIVE
049	0	VENTILATION SYSTEMS	COMPLETE
050A1	14	MSIV BACKUP VALVES - LEAK TESTING	ACTIVE
050A2	19	CONTAINMENT ISOLATION - ONLINE TESTING OF MSIV	ACTIVE
050B	9	CONTAINMENT ISOLATION - LEAK TEST OF CHECK VALVES	ACTIVE
050C	2	CONTAINMENT ISOLATION - ISOLATION VALVES IN HEATING, COOLING, OR SERVICE WATER	COMPLETE
050D	5	CONTAINMENT ISOLATION - ADD CONTROL CIRCUIT TO TREAT WASTE VALVE (CV-4049)	COMPLETE
050E	1	CONTAINMENT ISOLATION - AIR LOCK TESTING - SEP TOPIC VI-4	COMPLETE

<u>ISSUE</u> <u>NUMBER</u>	<u>ISSUE</u> <u>SCORE</u>	<u>ISSUE DESCRIPTION</u>	<u>STATUS</u>
050F	1	CONTAINMENT ISOLATION - HAND ISOLATION OF INSTRUMENT LINES - SEP TOPIC VI	COMPLETE
050G	0	CONTAINMENT ISOLATION - PNEUMATIC TEST OF MSIV - SEP TOPIC VI-4	COMPLETE
051	1	DESIGN CODES, CRITERIA AND LOAD COMBINATIONS	INACTIVE
052	7	HELB - SEP TOPIC III-5.A	COMPLETE
053	4	PIPE BREAKS OUTSIDE CONTAINMENT	COMPLETE
054	17	PLANT SHIELDING - NUREG-0737 ITEM II.B.2	COMPLETE
055	0	METEOROLOGICAL TOWER	COMPLETE
056	0	ESF UPGRADE	COMPLETE
057	15	CONTROL ROOM HABITABILITY - NUREG-0737	COMPLETE
057A	6	CONTROL ROOM HABITABILITY - SEAL DOORS	ACTIVE
058	0	POST ACTIVE SAMPLING	COMPLETE
059	0	MSLB OUTSIDE CONTAINMENT	COMPLETE
060	0	REVISED SECURITY PRINTS	COMPLETE
061	0	EQUIPMENT IDENTIFICATION	CANCELLED
062	0	REVISE DRAWINGS (SYSTEM CHECKSHEET VERIFICATION)	COMPLETE
063	8	CONTAINMENT PURGE AND VENT	COMPLETE
064	12	CONTAINMENT ILRT	COMPLETE
065	0	TEST CARD READER	COMPLETE
066	2	RADWASTE MONITOR FLUSH TIMER	ACTIVE
067	8	ISOLATION OF RPS FROM NONSAFETY SYSTEMS	COMPLETE
068	0	DC SYSTEM MONITORING	COMPLETE
069	11	ACID AND CAUSTIC TANK PROBLEMS	COMPLETE
070	4	EMERGENCY DG PANEL VENTILATION	COMPLETE
071	0	CHANGE PIPING IN CHEM LAB HOT HOOD	CANCELLED
072	12	FACILITY MODIFICATIONS - WAREHOUSE	ACTIVE
073	4	CONTROL OF HEAVY LOADS	ACTIVE
074	10	REACTOR COOLANT SYSTEM - HIGH POINT VENTS	ACTIVE
075A	23	ALTERNATE SHUTDOWN SYSTEM	ACTIVE
075B	9	RADIANT ENERGY SHIELDS	ACTIVE

<u>ISSUE</u> <u>NUMBER</u>	<u>ISSUE</u> <u>SCORE</u>	<u>ISSUE DESCRIPTION</u>	<u>STATUS</u>
075C	8	ASSOCIATED CIRCUITS	ACTIVE
076	7	CONTAINMENT HIGH RANGE MONITOR	COMPLETE
077	12	INVESTIGATE INCORE AVAILABILITY PROBLEM	COMPLETE
077A	12	INVESTIGATE INCORE AVAILABILITY PROBLEM	CANCELLED
078	0	CLEANUP SYSTEM DRAIN LINE	COMPLETE
079	0	CONTROL ROD MISOPERATION	COMPLETE
080	6	PERFORMANCE OF BWR SAFETY VALVES	COMPLETE
081	0	POSITION INDICATION OF PORV'S	COMPLETE
082	29	RDS DEPRESSURIZATION PILOT VALVE LEAKAGE	ACTIVE
083	5	FULL STROKE TESTING OF REACTOR DEPRESSURIZATION VALVE	ACTIVE
084	14	SCRAM DUMP TANK VALVE - LACK OF REDUNDANCY (STUDY)	COMPLETE
084A	14	SCRAM DUMP TANK REDUNDANT VALVES	ACTIVE
085	14	CONTAIN OVERPRESSURE - NITROGEN SUPPLY TO RDS ISOLATION VALVES	COMPLETE
086	7	BYPASS OF MOV THERMAL OVERLOADS	COMPLETE
087	11	PIPE BREAK OUTSIDE OF CONTAINMENT	COMPLETE
088	0	MLSE OUTSIDE CONTAINMENT - RADIOLOGICAL CONSEQUENCES	COMPLETE
089	8	RCPB LEAKAGE DETECTION	COMPLETE
090	11	CLASSIFICATION OF STRUCTURES, SYSTEMS AND COMPONENTS	ACTIVE
091	5	CONTAINMENT ISOLATION - POST LOCA SYSTEM WALKDOWNS	COMPLETE
092	10	CONTAINMENT ISOLATION - CLOSED SYSTEMS	COMPLETE
093	1	EMERGENCY RESPONSE FACILITIES (UPGRADE TSC)	COMPLETE
094A	.	POST TRIP REVIEW - DATA & INFORMATION CAPABILITIES	COMPLETE
094B	16	POST TRIP REVIEW - DATA & INFORMATION CAPABILITIES	COMPLETE
095	10	INSTALLATION OF FILTERS IN INSTRUMENT AIR LINE	COMPLETE
096	11	INSTALLATION OF ISOL VALVE UPSTREAM OF CV-4027	ACTIVE
097	9	REPLACEMENT OF VIP-5 WITH MOTOR OPERATED VALVE	COMPLETE
098	13	REVISIONS TO 125-VOLT DC DRAWINGS	COMPLETE
099	10	EQUIPMENT CLASSIFICATION - RPS COMPONENTS	COMPLETE
100	8	VENDOR INTERFACE AND MANUALS	ACTIVE
101	5	POST MAINTENANCE TESTING - RPS COMPONENTS	COMPLETE

<u>ISSUE</u> <u>NUMBER</u>	<u>ISSUE</u> <u>SCORE</u>	<u>ISSUE DESCRIPTION</u>	<u>STATUS</u>
102	6	EQUIPMENT CLASSIFICATION - ALL SAFETY RELATED EQUIPMENT	COMPLETE
103	1	PCST MAINTENANCE TESTING - ALL SAFETY RELATED EQUIPMENT	COMPLETE
104	8	CORE SPRAY PUMP SUCTION STRAINER BLOCKAGE	ACTIVE
105	7	REACTOR DEPRESSURIZATION SYSTEM HANGER REPLACEMENT	ACTIVE
106	11	REMOVE TURBINE GRATING	ACTIVE
107	8	FLOOD ANNUNCIATION	CANCELLED
108	0	MAIN STEAM LINE DRAIN ISOLATION	COMPLETE
109	3	BACKUP HIGH RANGE STACK MONITOR	ACTIVE
110	10	LIGHTNING PROTECTION	ACTIVE

ISSUE GROUP A

BIG ROCK POINT INTEGRATED PLAN

TITLE: RADIOLOGICAL EFFLUENT TECH SPECS

ISSUE NUMBER: 030

SCORE: 1

COMMITMENT: CONSUMERS POWER HAS COMMITTED TO COMPLETE THE WORK ON THIS ISSUE, AS DESCRIBED BELOW, BY 01JAN86.

DESCRIPTION:

ISSUE:

THE LICENSEE'S CURRENT PROPOSALS HAVE BEEN REVIEWED BY THE STAFF AND FRANKLIN RESEARCH CENTER. THE CONTRACTOR HAS IDENTIFIED ALL VARIANCES FROM STAFF GUIDANCE. A MEETING HAS BEEN SET BETWEEN THE NRC STAFF, THE PLANT AND GENERAL OFFICE TO TRY TO RESOLVE THE VARIANCE. (8/24/84 MTG.)

STATUS: TECHNICAL SPECIFICATIONS CHANGE REQUEST SUBMITTED ON JANUARY 7, 1985. NRC APPROVAL REQUIRED.

RESOLUTION: IMPLEMENT RETS.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84
0472

IPSAR SECTION
5.3.27

SEP TOPIC

CPCO LETTERS TO NRC DATED

02FEB84
13SEP84
13NOV78
31JUL81
07JAN85

NRC LETTERS TO CPCO DATED

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INTERNAL MEMOS

DJV 82-111
LLC 84-48

OTHER RELEVANT REFERENCES
AIR A-NL-84-62

BIG ROCK POINT INTEGRATED PLAN

TITLE: FHSR UPDATE STUDY

ISSUE NUMBER: 035B

SCORE: 5

COMMITMENT: NONE AT THIS TIME.

DESCRIPTION:

ISSUE: 10CFR50.71(E) REQUIRES THAT POWER REACTORS MAINTAIN AN UPDATED FHSR; THE PURPOSE OF WHICH IS TO PROVIDE A CURRENT DESCRIPTION OF THE PLANT DESIGN FOR USE BY THE NRC STAFF AND THE PUBLIC.

STATUS: DETAILS OF CROSS REFERENCING SYSTEM WERE SUBMITTED ON OCTOBER 31, 1984; NRC PRESENTLY REVIEWING PROGRAM

RESOLUTION: TRG HAS ELECTED TO DESIGN, IMPLEMENT AND EVALUATE A COMPUTERIZED METHOD OF INDEXING EXISTING DOCUMENTS TO PROVIDE A WORKABLE SUBSTITUTE FOR A SINGLE, COMPREHENSIVE REPORT. DETAILS OF CROSS REFERENCING SYSTEM WERE SUBMITTED ON OCTOBER 31, 1984; NRC PRESENTLY REVIEWING PROGRAM. IMPLEMENT INDEXING SYSTEM AS SUBSTITUTE FOR FHSR UPDATED BY AUGUST 27, 1986.

REFERENCES:

GENERIC LETTER
10CFR50.71E

NUREG
0828, MAY 84

IPSAR SECTION
5.3.25.1

SEP TOPIC

CPCO LETTERS TO NRC DATED
02FEB84
02MAY84
01JUN83
31OCT84

NRC LETTERS TO CPCO DATED
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INTERNAL MEMOS
VJM 31-83
DPH 84-05
DED 84-02
VJM 03-84

OTHER RELEVANT REVERENCES
A-BRP-83-33
PROJECT 639

BIG ROCK POINT INTEGRATED PLAN

TITLE: ENVIRONMENTAL QUALIFICATION OF ELECTRICAL EQUIPMENT (EEQ)

ISSUE NUMBER: 036

SCORE: 14

COMMITMENT: CONSUMERS POWER HAS COMMITTED TO COMPLETE THE WORK ON THIS ISSUE, AS DESCRIBED BELOW, BY 30NOV85.

DESCRIPTION:

ISSUE:

ASSURE THAT ALL SAFETY RELATED ELECTRICAL EQUIPMENT SUBJECTED TO A HARSH ENVIRONMENT IS ADEQUATELY MAINTAINED.

STATUS: EXTENSION TO NOVEMBER 30, 1985 GRANTED BY NRC. EXPECTED COMPLETION BY COMMITMENT DATE.

RESOLUTION:

1. FAILURE MODES AND EFFECTS ANALYSIS (FMEA) WAS PERFORMED TO ADDRESS QUALIFICATION FOR CERTAIN EQUIPMENT WHOSE SAFETY FUNCTION IS PERFORMED BEFORE THE ENVIRONMENT BECOMES HARSH. AGING QUALIFICATION IS NOT REQUIRED FOR EQUIPMENT WHICH SUCCESSFULLY PASSES THE FMEA SINCE SAFETY FUNCTIONS ARE PERFORMED BEFORE THE ENVIRONMENT BECOMES HARSH AND THE EFFECTS OF FAILURE AFTER THE ENVIRONMENT BECOMES HARSH ARE SHOWN TO BE ACCEPTABLE.
2. COMPLETE AND AUDITABLE FLUES WILL BE ESTABLISHED FOR FULLY QUALIFIED EQUIPMENT.
3. A LIST OF UNQUALIFIED EQUIPMENT WILL BE ESTABLISHED WHICH WILL REQUIRE REPLACEMENT OR ADDITIONAL QUALIFICATION EFFORT.
4. CORRECTIVE ACTION PLAN WILL BE ESTABLISHED FOR EQUIPMENT NOT QUALIFIED. ANALYSIS OR WHOLESALE REPLACEMENT OF EQUIPMENT. REGARDING SAFETY RELATED ELECTRICAL EQUIPMENT THAT WAS MODIFIED DURING THE RECENT 1983 REFUELING OUTAGE, CONSUMERS POWER COMPANY SUBMITTED NEW SYSTEM COMPONENT EVALUATION WORKSHEETS (SCEW), APPLICABLE TO THIS EQUIPMENT, ON DECEMBER 15, 1983. THIS PROGRAM DESCRIBED ABOVE MEETS THE INTENT OF 10CFR50.49 AND SUPERCEDES ALL PREVIOUS EEQ COMMITMENTS.
5. PROVIDE JUSTIFICATION FOR CONTINUED OPERATIONS (JCO) FOR EQUIPMENT WHICH IS NOT FULLY QUALIFIED AS AN INTERIM MEASURE UNTIL THE EQUIPMENT IS FULLY QUALIFIED.
6. AN EXEMPTION REQUEST WILL BE MADE TO EXTEND EEQ COMPLETION DATE FROM 3/31/85 TO 11/85 FOR SPECIFIC EQUIPMENT.
7. MAINTENANCE AND FACILITY CHANGE ACTIVITIES RELATED TO THE EEQ PROGRAM WILL BE ESTABLISHED.
8. A LIST OF PM ACTIVITIES WILL BE ESTABLISHED.

REFERENCES:

GENERIC LETTER
84-24

NUREG
0828, MAY 84

IPSAR SECTION
5.3.4

SEP TOPIC

CPCO LETTERS TO NRC DATED
01JUN83

NRC LETTERS TO CPCO DATED
08AUG84

BIG ROCK POINT INTEGRATED PLAN

02FEB84
30OCT83
15DEC83
29JUN84
18JUL84
27AUG84
31OCT84
07JAN85
28JAN85

INTERNAL MEMOS

TCB 83-21
KWB 14-83
KAT 11-83
JPC 08-84
JLK 84-05
JLK 84-05
DJV 84-99
JDW 12-84
JDW 08-84

02SEP83
10MAR83
26MAR84
18SEP84
27DEC84
27MAR85

OTHER RELEVANT REVERENCES

A-NL-83-29, A-NL-83-094
FEDERAL REGISTER VOL 49, NO 146
PROJECT 391
CPCO LETTER TO NRC DATED 21FEB85

BIG ROCK POINT INTEGRATED PLAN

TITLE: ALTERNATE SHUTDOWN SYSTEM

ISSUE NUMBER: 075A

SCORE: 23

COMMITMENT: CONSUMERS POWER HAS COMMITTED TO COMPLETE THE WORK ON THIS ISSUE, AS DESCRIBED BELOW, BY THE END OF THE 1985 REFUELING OUTAGE

DESCRIPTION:

ISSUE: 10CFR50, APPENDIX R, REQUIRES SAFE SHUTDOWN CAPABILITY IN THE EVENT OF FIRE.

STATUS: COMPLETION BY COMMITMENT DATE.

RESOLUTION: THE TRG HAS DECIDED TO INSTALL AN ALTERNATE SHUTDOWN PANEL IN A SEISMIC/FLOOD PROOF BUILDING. PROCEDURES WILL BE WRITTEN AND TRAINING ON THE PROCEDURES AND ON THE SHUTDOWN SYSTEM WILL BE PERFORMED.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
5.3.2.1

SEP TOPIC

CPCO LETTERS TO NRC DATED

02FEB84
02MAY84
24JAN85

NRC LETTERS TO CPCO DATED

08MAR83
26MAR85

INTERNAL MEMOS

OTHER RELEVANT REFERENCES
PROJECT 171

BIG ROCK POINT INTEGRATED PLAN

TITLE: RADIANT ENERGY SHIELDS

ISSUE NUMBER: 075B

SCORE: 9

COMMITMENT: CONSUMERS POWER HAS COMMITTED TO COMPLETE THE WORK ON THIS ISSUE, AS DESCRIBED BELOW, BY THE END OF THE 1985 REFUELING OUTAGE

DESCRIPTION:

ISSUE:

DRAFT IPSAR (NUREG 0828) SECTION 5.3.14.2 REQUIRES:

1. A RADIANT ENERGY SHIELD (SHEET METAL) BETWEEN THE EMERGENCY CONDENSER OUTLET VALVE CONDUITS & RDS CONDUITS AND VALVES.
2. A RADIANT ENERGY SHIELD BETWEEN ONE EMERGENCY CONDENSER INLET VALVE AND RDS VALVES ON THE EMERGENCY CONDENSER DECK.
3. A THREE-HOUR FIRE BARRIER BETWEEN THE CORE SPRAY PUMPS AND ALL ALTERNATE SHUTDOWN PANEL EQUIPMENT AND CONDUITS.

STATUS: COMPLETION BY COMMITMENT DATE.

RESOLUTION:

THE TRG HAS ELECTED TO:

1. INSTALL RADIANT ENERGY SHIELD ON THE EMERGENCY CONDENSER DECK.
2. REQUEST EXEMPTION FOR RADIANT ENERGY SHIELD ON THE DRUM WALL.
3. SEAL PENETRATIONS IN THE CORE SPRAY ROOM BLOCK WALL SO AS TO MAKE THE WALL A THREE-HOUR FIRE BARRIER.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
5.3.14.2

SEP TOPIC

CPCO LETTERS TO NRC DATED
02FEB84
02MAY84
25JAN85

NRC LETTERS TO CPCO DATED
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INTERNAL MEMOS

OTHER RELEVANT REFERENCES
PROJECT 171

BIG ROCK POINT INTEGRATED PLAN

TITLE: ASSOCIATED CIRCUITS

ISSUE NUMBER: 075C

SCORE: 8

COMMITMENT: CONSUMERS POWER HAS COMMITTED TO COMPLETE THE WORK ON THIS ISSUE, AS DESCRIBED BELOW, BY THE END OF THE 1985 REFUELING OUTAGE

DESCRIPTION:

ISSUE: 10CFR50, APPENDIX R, REQUIRES THAT SAFE SHUTDOWN EQUIPMENT BE ISOLATED FROM ASSOCIATED CIRCUITS SUCH THAT HOT SHORTS, SHORTS TO GROUND, OR OPEN CIRCUITS WILL NOT PREVENT OPERATION OF THE SAFE SHUTDOWN EQUIPMENT.

STATUS: COMPLETE BY COMMITMENT DATE.

RESOLUTION:

1. THE TRG HAS ELECTED TO: DEVELOP PROCEDURES FOR NUMEROUS VALVES AND ONE PUMP TO DETERMINE IF MALOPERATION HAS OCCURRED DUE TO THE FIRE. THEY WOULD THEN ADDRESS THE REPAIR OF THE EQUIPMENT, IE, MAINLY DISCONNECTING CIRCUITRY AND OPERATING VALVES MANUALLY.
2. REROUTE ONE WIRE (THE CLOSE COIL WIRE) FROM EACH OF THE TWO CIRCUITS WITH THE REST OF THE ALTERNATE SHUTDOWN CIRCUITS FROM THE CONTROL ROOM TO THE EMERGENCY CONDENSER DECK. THIS PREVENTS THE POSSIBILITY OF SHORTS CLOSING THE VALVES FOR FIRES IN THE ELECTRICAL EQUIPMENT ROOM, PENETRATION AREAS, ETC.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
5.3.14.1

SEP TOPIC

CPCO LETTERS TO NRC DATED
02FEB84
02MAY84

NRC LETTERS TO CPCO DATED
:

INTERNAL MEMOS

OTHER RELEVANT REVERENCES
PROJECT 171

ISSUE GROUP B

BIG ROCK POINT INTEGRATED PLAN

TITLE: HEAT EXCHANGER TUBE BUNDLE REPLACEMENT

ISSUE NUMBER: 001

SCORE: 9

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE:

PERIODIC LEAKING THROUGH THE HEAT EXCHANGER TUBES RESULTS IN A BREACH OF CONTAINMENT INTEGRITY & COULD RESULT IN A LENGTHY OUTAGE FOR REPAIR. PRESENTLY, THE CONTAINMENT BOUNDARY IS BREACHED APPROXIMATELY ONCE EVERY FIVE YEARS. WHEN LEAKAGE DOES OCCUR, THE ENTIRE BUNDLE IS VALVED OUT OF SERVICE AND THE LEAK IS ISOLATED.

RESOLUTION:

THE TRG ELECTED TO REPLACE THE EXISTING TUBE BUNDLES IN BOTH "A" AND "B" HEAT EXCHANGERS WITH STAINLESS STEEL BUNDLES. TUBE BUNDLES IN BOTH HEAT EXCHANGERS HAVE SINCE BEEN REPLACED.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IP SAR SECTION
5.3.15

SEP TOPIC

CPCO LETTERS TO NRC DATED

14AUG84
02FEB84
01JUN84

NRC LETTERS TO CPCO DATED

INTERNAL MEMOS

OTHER RELEVANT REFERENCES
SC-83-003
E-BRP-82-27

BIG ROCK POINT INTEGRATED PLAN

TITLE: ACID LINE EXTENSION

ISSUE NUMBER: 002

SCORE: 13

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE:

CURRENTLY, ACID IS BEING CARRIED BY HAND TO FILL THE NEUTRALIZER TANK. BURNS COULD OCCASIONALLY BE INFLICTED ON PERSONNEL WHILE FILLING THE TANK

RESOLUTION:

A LINE HAS BEEN INSTALLED TO CARRY ACID FROM A FILL PUMP TO THE NEUTRALIZER TANK. THIS PRECLUDE THE NECESSITY TO FILL BY HAND. THIS ISSUE IS CONSIDERED RESOLVED AND HAS BEEN REMOVED FROM THE RANKED LIST OF ISSUES.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
5.3.9.2

SEP TOPIC

CPCO LETTERS TO NRC DATED

14AUG84
21FEB84
01JUN83

NRC LETTERS TO CPCO DATED

INTERNAL MEMOS

OTHER RELEVANT REVERENCES
FC-553

BIG ROCK POINT INTEGRATED PLAN

TITLE: REACTOR COOLANT PRESSURE BOUNDARY LEAKAGE DETECTION

ISSUE NUMBER: 003

SCORE: 5

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE:

THIS ISSUE IS SUPERCEDED BY ISSUE 89.
EVALUATE BRP LEAKAGE DETECTION SYSTEMS AGAINST REG GUIDE 1.97 AND JUSTIFY ACCEPTABILITY OF
CURRENT DESIGN.

RESOLUTION: JUSTIFY CURRENT BRP DESIGN.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
4.16

SEP TOPIC
V-5

CPCO LETTERS TO NRC DATED
01JUN83
25MAY83

NRC LETTERS TO CPCO DATED

INTERNAL MEMOS
RJA 83-05
DPB 83-06

OTHER RELEVANT REVERENCES

BIG ROCK POINT INTEGRATED PLAN

TITLE: STACK GAS MONITORING

ISSUE NUMBER: 004

SCORE: 13

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE: NUREG 0737, ITEM II.F.1 REQUIRES AN IMPROVED EFFLUENT RADIATION MONITOR.

RESOLUTION:

PER CONSUMERS POWER LETTERS DATED DECEMBER 12, 1983 AND JANUARY 24, 1984 A TECHNICAL SPECIFICATION CHANGE REQUEST WAS SUBMITTED TO THE NRC FOR APPROVAL, AND THE STACK GAS MONITORING SYSTEM WAS DECLARED OPERABLE.
THIS ISSUE IS CONSIDERED RESOLVED AND HAS BEEN REMOVED FORM THE RANKED LIST OF ISSUES.

REFERENCES:

GENERIC LETTER

NUREG
0737 II.F.1

IPSAR SECTION
5.3.11.1

SEP TOPIC

CPCO LETTERS TO NRC DATED

12DEC83
24JAN84
01AUG83

NRC LETTERS TO CPCO DATED

14MAR83
07MAR84

INTERNAL MEMOS

OTHER RELEVANT REVERENCES

QA05 383-84
JGKEPLER RESPONSE TO PAL IEIR 84-01, 3/12/84

BIG ROCK POINT INTEGRATED PLAN

TITLE: CONTROL ROOM DESIGN REVIEW

ISSUE NUMBER: 005

SCORE: 11

COMMITMENT: CONSUMERS POWER HAS COMMITTED TO COMPLETE THE WORK ON THIS ISSUE, AS DESCRIBED BELOW, BY 15APR86.

DESCRIPTION:

ISSUE:

PORTIONS OF SUPPLEMENT 1 TO NUREG-0737 CONCERN THE REVIEW OF THE ADEQUACY OF THE CONTROL ROOM DESIGN AND OF THE EMERGENCY OPERATING PROCEDURES. THE REVIEW WILL ATTEMPT TO DEMONSTRATE WHETHER AN EFFECTIVE MAN-MACHINE INTERFACE WILL EXIST IN THE BIG ROCK POINT CONTROL ROOM DURING ACCIDENT CONDITIONS.

STATUS: DUE TO MANPOWER REQUIREMENTS ASSOCIATED WITH ELECTRICAL EQUIPMENT QUALIFICATION, DELAYS IN COMPLETION OF SYMPTOM ACTION SETS AND ADDING ADDITIONAL ACTIVITIES TO RELABEL, DEMARCATE AND REMIMIC AS NECESSARY AND THE CHANGE IN ISSUE MANAGER DUE TO PERSONEL TURNOVER. THE PROJECT COMPLETION HAS SLIPPED AND PRESENTLY COMPLETION IS TARGETED FOR APRIL 15, 1986.

RESOLUTION:

CONSUMERS POWER IS COMMITTED TO PERFORMING A DETAILED CONTROL ROOM DESIGN REVIEW AT THE BIG ROCK POINT PLANT.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84
0700
0737, I.D.I

IPSAR SECTION
5.3.2.3

SEP TOPIC

CPCO LETTERS TO NRC DATED

12FEB84
14AUG84
01JUN83
31MAY85

NRC LETTERS TO CPCO DATED

19APR83
02SEP83
11NOV84
22JAN85
11APR85

INTERNAL MEMOS

OTHER RELEVANT REFERENCES
A-NL-83-096

BIG ROCK POINT INTEGRATED PLAN

A-BRP-84-120
A-BRP-83-33
PROJECT 530

BIG ROCK POINT INTEGRATED PLAN

TITLE: SAFETY PARAMETER DISPLAY SYSTEM.

ISSUE NUMBER: 006

SCORE: .

COMMITMENT: NONE AT THIS TIME.

DESCRIPTION:

ISSUE: INSTALL A SPDS TO COMPLIMENT NEW EOP'S OR JUSTIFY CURRENT CONTROL ROOM DISPLAY.

STATUS: THE NEED FOR SPDS WILL BE DETERMINED DURING THE CONTROL ROOM DESIGN REVIEW.

RESOLUTION: JUSTIFY CURRENT CONTROL ROOM DISPLAY. THE NEED FOR SPDS WILL BE DETERMINED DURING THE CONTROL ROOM DESIGN REVIEW. THE NEED FOR SPDS WILL BE DETERMINED DURING THE CONTROL ROOM DESIGN REVIEW.

REFERENCES:

GENERIC LETTER

NUREG
0737 (I.D.2)
0828, MAY 84

IPSAR SECTION

5.4.12

SEP TOPIC

CPCO LETTERS TO NRC DATED
14AUG84

NRC LETTERS TO CPCO DATED
22JAN85

INTERNAL MEMOS

OTHER RELEVANT REVERENCES
PROJECT 634

BIG ROCK POINT INTEGRATED PLAN

TITLE: SCRAM DUMP TANK LEVEL INSTRUMENTATION

ISSUE NUMBER: 007

SCORE: 6

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE:

GENERIC LETTER 81-18 DISCUSSES THE ADEQUACY OF THE DESIGN OF THE EXISTING SCRAM DUMP TANK LEVEL INSTRUMENTATION.

RESOLUTION:

PER THE RESULTS OF THE PLANT SPECIFIC PRA, INSTALLATION OF SCRAM DUMP TANK LEVEL INSTRUMENTATION IS NOT EFFECTIVE IN:
1) DECREASING CORE DAMAGE PROBABILITY.
2) COST-BENEFIT RATIO.
THIS ISSUE IS CONSIDERED RESOLVED AND HAS BEEN REMOVED FROM THE RANKED LIST OF ISSUES.

REFERENCES:

GENERIC LETTER
81-18

NUREG
0828, MAY 84

IPSAR SECTION
5.3.8.3

SEP TOPIC

CPCO LETTERS TO NRC DATED
22MAY81
21NOV81
01JUN83
07NOV83

NRC LETTERS TO CPCO DATED
11MAR82
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BIG ROCK POINT INTEGRATED PLAN

TITLE: SINGLE CHANNEL RESET INVESTIGATION

ISSUE NUMBER: 008

SCORE: 14

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE:

FAILURES IN THE SCRAM VALVE PILOT AIR HEADER CAN LEAD TO OPENING OF THE SCRAM VALVES BEFORE THE CLOSING OF THE DUMP TANK VALVES.

RESOLUTION:

PER CONSUMERS POWER LETTER DATED NOVEMBER 7, 1983, THIS ISSUE HAS BEEN EVALUATED AND NO FURTHER ACTION IS REQUIRED.
THIS ISSUE IS CONSIDERED RESOLVED AND HAS BEEN REMOVED FROM THE RANKED LIST OF ISSUES.

REFERENCES:

GENERIC LETTER

NUREG

IPSAR SECTION
5.3.8.1

SEP TOPIC

CPCO LETTERS TO NRC DATED

07NOV83

01JUN83

NRC LETTERS TO CPCO DATED

INTERNAL MEMOS

WJT 03-82

OTHER RELEVANT REFERENCES

FC-532

SFC-81-016, PROJECT 426

BIG ROCK POINT INTEGRATED PLAN

TITLE: REACTOR COOLING WATER PRESSURE STUDY

ISSUE NUMBER: 009

SCORE: 4

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE:

THIS PLANT INITIATED ISSUE CONCERNS THE LEAKAGE OF H2O FROM REACTOR COOLING WATER SYSTEM (RCWS) INTO THE RADWASTE SYSTEM. DURING ROTATION OF THE RCWS PUMPS, THE RCWS RELIEF VALVES OPEN AND REMAIN OPEN, RESULTING IN LEAKAGE OF RCWS WATER INTO THE RADWASTE SYSTEM.

RESOLUTION:

PER CONSUMERS POWER LETTER DATED NOVEMBER 7, 1983, A STUDY WAS PERFORMED AND RESULTED IN A NUMBER OF CORRECTIVE ACTIONS WHICH ADEQUATELY RESOLVED THE ISSUE.
THIS ISSUE IS CONSIDERED RESOLVED AND HAS BEEN REMOVED FROM THE RANKED LIST OF ISSUES.

REFERENCES:

GENERIC LETTER

**NUREG
0828, MAY 84**

**IPSAR SECTION
5.3.2.2**

SEP TOPIC

**CPCS LETTERS TO NRC DATED
07NOV83
02FEB84**

NRC LETTERS TO CPCO DATED

**INTERNAL MEMOS
ALS 83-05
WJT 82-05**

**OTHER RELEVANT REVERENCES
PROJECT 379**

BIG ROCK POINT INTEGRATED PLAN

TITLE: INSTALLATION OF TELLTALLES ON SHUTDOWN HEAT EXCHANGER

ISSUE NUMBER: 009A

SCORE: 14

COMMITMENT: CONSUMERS POWER HAS COMMITTED TO COMPLETE THE WORK ON THIS ISSUE, AS DESCRIBED BELOW, BY THE END OF THE 1985 REFUELING OUTAGE

DESCRIPTION:

ISSUE:

REACTOR COOLING WATER RELIEF VALVE FAILURE RESULTS IN UNIDENTIFIED LEAKAGE. TIME SPENT BY THE OPERATIONS DEPARTMENT PURSUING THE SOURCE OF LEAKAGE MAY BE BETTER SPENT IN FIXING THE LEAK.

STATUS: ON SCHEDULE.

RESOLUTION:

AS A RESULT OF THE REACTOR COOLING WATER PRESSURE STUDY, THE TRG HAS DECIDED TO INSTALL TELLTALLES ON DISCHARGE LINE OF REACTOR COOLING WATER RELIEF VALVES TO ENABLE DETERMINATION OF SPECIFIC RELIEF VALVE LEAKAGE.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
5.2.2.2

SEP TOPIC

CPCO LETTERS TO NRC DATED

07NOV83
02FEB84
14AUG84

NRC LETTERS TO CPCO DATED

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INTERNAL MEMOS

RJA 83-15
WJT 82-04
WJT 83-01
GLF 83-46

OTHER RELEVANT REVERENCES

PRC MEETING MINUTES 15-81 THROUGH 8-83
PROJECT 544

BIG ROCK POINT INTEGRATED PLAN

TITLE: VENTILATION FOR PANEL C-52

ISSUE NUMBER: 010

SCORE: 8

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE:

PRIMARY COOLANT SYSTEM LEVEL INSTRUMENTATION IS PRONE TO SPURIOUS ALARMS, THUS REDUCING OPERATOR CONFIDENCE IN THE ACCURACY OF LEVEL INDICATIONS.

RESOLUTION:

THE TRG DECIDED TO IMPROVE VENTILATION IN PANEL C-52 (INSIDE CONTAINMENT) TO ENHANCE POWER SUPPLY PERFORMANCE OF THE HEATING UNITS FOR THE CONTANT HEAD LEVEL CHAMBERS FOR THE LEVEL DETECTION ELEMENTS.
PANEL C-52 VENTILATIO HAS BEEN UPGRADED, THEREBYRESOLVING THIS ISSUE, WHICH HAS BEEN REMOVED FROM THE RANKED LIST OF ISSUES.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
5.3.16

SEP TOPIC

CPCO LETTERS TO NRC DATED
14AUG84
11JUN83

NRC LETTERS TO CPCO DATED

INTERNAL MEMOS

OTHER RELEVANT REVERENCES
PROJECT 432

BIG ROCK JOINT INTEGRATED PLAN

TITLE: RUCKER SYSTEM

ISSUE NUMBER: 011

SCORE: 21

COMMITMENT: CONSUMERS POWER HAS COMMITTED TO COMPLETE THE WORK ON THIS ISSUE, AS DESCRIBED BELOW, BY 01OCT85.

DESCRIPTION:

ISSUE:

THE TURBINE BYPASS VALVE ELECTROHYDRAULIC CONTROL (EHC) SYSTEM IS UNRELIABLE. OCCASIONALLY THE VALVE FAILS TO OPERATE PROPERLY DURING START-UP (THE VALVE CYCLES OPEN AND CLOSED), AND DURING POWER OPERATION (THE VALVE FAILS TO OPEN OR INADVERTENTLY OPENS). FAILURE OF THE VALVE TO OPEN DURING OPERATION RESULTS IN A LOSS OF THE FULL-POWER MAIN HEAT SINK FOR THE PRIMARY COOLANT SYSTEM & MAY RESULT IN A NEEDLESS PLANT TRIP.

STATUS: SCHEDULE DELAY DUE TO MANPOWER NEEDS OF THE ELECTRICAL EQUIPMENT QUALIFICATION PROJECT. THE COMPLETION DATE PRESENTLY IS TARGETED FOR OCTOBER 1, 1985.

RESOLUTION:

THE TRG HAS ELECTED TO CONDUCT A STUDY TO IDENTIFY THE FREQUENCY AND TYPE OF MALFUNCTION. THE STUDY IS INTENDED TO AID IN THE DETERMINATION OF WHICH SPECIFIC PORTION OF THE EHC SYSTEM IS MALFUNCTIONING.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
5.3.3.1

SEP TOPIC

CPCO LETTERS TO NRC DATED

02FEB84
14AUG84
31JAN85
25FEB85

NRC LETTERS TO CPCO DATED

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..
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INTERNAL MEMOS

LER 84-10
LER 84-12

OTHER RELEVANT REFERENCES
PROJECT 428

BIG ROCK POINT INTEGRATED PLAN

TITLE: RESIDUAL HEAT REMOVAL HEAT EXCHANGERTUBE FAILURE

ISSUE NUMBER: 012

SCORE: .

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE: SEP TOPIC V-10.A, INLEAKAGE OF CONTAMINANTS FROM LAKE MICHIGAN INTO THE PRIMARY SYSTEM.

RESOLUTION: JUSTIFY CURRENT PRACTICE/POSITION.

REFERENCES:

GENERIC LETTER

NUREG

IPSAR SECTION

SEP TOPIC
V-10.A

CPCO LETTERS TO NRC DATED
01JUN83

NRC LETTERS TO CPCO DATED

INTERNAL MEMOS

OTHER RELEVANT REVERENCES

1/13/83

8/9/79

10/9/79

9/13/79

3/6/79

BIG ROCK POINT INTEGRATED PLAN

TITLE: PURITY OF PRIMARY COOLANT

ISSUE NUMBER: 013

SCORE: 2

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE:

BIG ROCK POINT PLANT TECHNICAL SPECIFICATIONS DONOT MEET THE LIMITS ESTABLISHED IN REGULATORY GUIDE 1.56 FOR CONDUCTIVITY, CHLORIDES AND PH OF THE REACTOR VESSEL WATER & CONDUCTIVITY OF THE FEEDWATER SYSTEM.

RESOLUTION:

THE TRG CONCLUDED THAT:

- 1) THE LONG OPERATING HISTORY OF BIG ROCK POINT SUBSTANTIATES THE EXISTING ADMINISTRATIVE & TECHNICAL SPECIFICATIONS CONTROLS ARE ADEQUATE.
 - 2) INSPECTIONS HAVE SHOWN THAT STRESS CORROSION CRACKING IS NOT A MAJOR CONCERN.
- THIS ISSUE IS CONSIDERED RESOLVED AND HAS BEEN REMOVED FROM THE RANKED LIST OF ISSUES.

REFERENCES:

GENERIC LETTER

NUREG

IPSAR SECTION
4.18.1

SEP TOPIC
V-12A

INTERNAL MEMOS

OTHER RELEVANT REVERENCES
CEA MEMO A-NL-82-232 DATED 2/2/83

BIG ROCK POINT INTEGRATED PLAN

TITLE: SEISMIC DESIGN CONSIDERATIONS

ISSUE NUMBER: 014

SCORE: 18

COMMITMENT: CONSUMERS POWER HAS COMMITTED TO COMPLETE THE WORK ON THIS ISSUE, AS DESCRIBED BELOW, BY 15OCT85.

DESCRIPTION:

ISSUE:

THE NRC HAS REQUIRED SEISMIC REREVIEW OF BIG ROCK POINT DESIGN AND UPGRADES OR BACKFITS WHERE APPROPRIATE.

STATUS: SCHEDULE DELAY DUE TO MANPOWER. THE COMPLETION DATE IS PRESENTLY TARGETED FOR OCTOBER 15, 1985.

RESOLUTION:

USING A COMBINATION OF DETERMINISTIC ANALYSIS AND PRA LOGIC MODELS, IDENTIFY SEISMIC "WEAK-LINKS" IN BIG ROCK POINT DESIGN. AS A FIRST STEP, THE FOLLOWING SHOULD BE PERFORMED AS IDENTIFIED IN CONSUMERS POWER'S LETTER TO NRC DATED JUNE 1, 1983.

1. TO ENSURE AN ATWS IS UNLIKELY, EVALUATION IDENTIFYING THE WEAK LINKS ON THE REACTOR INTERNALS IS REQUIRED & AN EVALUATION ENSURING THAT THE CRDM DISCHARGE PIPING DOES NOT CRIMP IS NECESSARY
2. COMPLETE THE CABLE TRAY EVALUATIONS BEING PERFORMED BY THE SEISMIC QUALIFICATION OWNERS GROUP AND ASCERTAIN WHETHER SEISMIC DEPENDENCIES EXIST BETWEEN POWER SUPPLIES AND ELECTRICAL COMPONENTS IN THE ROUTING OF CABLE TRAYS AND CONDUIT.
3. INSPECT VALVES M07050, M07053, & M07063 TO ENSURE THAT THE VALVE OPERATORS WILL NOT IMPACT SURROUNDING STRUCTURES IF MOTION OCCURS DURING AN EARTHQUAKE.
4. EVALUATE OR RESTRAIN THE MOTION OF M07070, M07051, & M07061 TO ENSURE THE MOTORS DO NOT IMPACT SURROUNDING STRUCTURES IF MOTION OCCURS DURING AN EARTHQUAKE.
5. PLACE A MECHANICAL BLOCK ON THE CLEAN-UP DEMINERALIZER HOIST TO ENSURE IT CANNOT TRAVEL OVER THE ENCLOSURE SPRAY VALVES.
6. CREATE A REPORT DOCUMENTING THE ABOVE WORK AND MAKING RECOMMENDATIONS REGARDING FURTHER SEISMIC UPGRADING.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
4.12

SEP TOPIC
III-6

CPCO LETTERS TO NRC DATED

NRC LETTERS TO CPCO DATED

BIG ROCK POINT INTEGRATED PLAN

02FEB84
01JUN83
31MAY85
14JUN85

INTERNAL MEMOS

OTHER RELEVANT REFERENCES
PROJECT 635

BIG ROCK POINT INTEGRATED PLAN

TITLE: CONTAINMENT ELECTRICAL PENETRATIONS

ISSUE NUMBER: 015

SCORE: 5

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE: SPARE 3/4" PIPE PENETRATIONS REQUIRE SEAL WELDING.

RESOLUTION: SEAL WELD THREADED PIPE CAPS ON SPARE CONTAINMENT PENETRATIONS.

REFERENCES:

GENERIC LETTER

NUREC
0828, MAY 84

IP SAR SECTION
4.20.7.4

SEP TOPIC
VIII-4

CPCO LETTERS TO NRC DATED
01JUN83

NRC LETTERS TO CPCO DATED

INTERNAL MEMOS

OTHER RELEVANT REVERENCES
SC 83-009

BIG ROCK POINT INTEGRATED PLAN

TITLE: SECONDARY SYSTEM INSTABILITIES

ISSUE NUMBER: 016

SCORE: 19

COMMITMENT: CONSUMERS POWER HAS COMMITTED TO COMPLETE THE WORK ON THIS ISSUE, AS DESCRIBED BELOW, BY THE END OF THE 1986 REFUELING OUTAGE

DESCRIPTION:

ISSUE:

FOLLOWING A LOAD REJECTION, THE PCS WILL BLOW DOWN THROUGH THE TURBINE BYPASS VALVE TO THE CONDENSER HOT WELL. AS A RESULT, THE HOT WELL LEVELS SWELL CAUSING THE REJECT VALVE TO OPEN. A SIGNIFICANT PORTION OF THE CONDENSATE PUMP DISCHARGE IS DIVERTED FROM THE SUCTION OF THE REACTOR FEED PUMPS TO THE CONDENSATE STORAGE TANK. THIS DIVERSION RESULTS IN A FEED PUMP TRIP AND THUS THE LOSS OF PCS MAKEUP DURING THE BLOWDOWN CONDITION. A LOSS OF PCS INVENTORY COULD RESULT IN LOW PRIMARY SYSTEM WATER LEVEL THAT SUBSEQUENTLY RESULTS IN AUTOMATIC DEMANDS ON ENGINEERED SAFETY SYSTEMS.
STATUS: PROJECT DELAY DUE TO MANPOWER REQUIREMENTS OF FIRE PROTECTION MODIFICATIONS. NEW COMPLETION DATE IS EXPECTED TO BE END OF 1986 REFUELING OUTAGE.

RESOLUTION:

MODIFY THE EXISTING REJECT VALVE CONTROL CIRCUITRY SO THAT VALVE OPENING DOES NOT RESULT IN A LOSS OF PRIMARY SYSTEM MAKEUP.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
5.3.3.2

SEP TOPIC

CPCO LETTERS TO NRC DATED

02FEB84
14AUG84
01JUN83

NRC LETTERS TO CPCO DATED

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INTERNAL MEMOS

OTHER RELEVANT REFERENCES
PROJECT 557

BIG ROCK POINT INTEGRATED PLAN

TITLE: PCS ISOLATION - PC SYSTEM

ISSUE NUMBER: 017

SCORE: 13

COMMITMENT: CONSUMERS POWER HAS COMMITTED TO COMPLETE THE WORK ON THIS ISSUE, AS DESCRIBED BELOW, BY THE END OF THE 1985 REFUELING OUTAGE

DESCRIPTION:

ISSUE:

PROBABILISTIC RISK ASSESSMENT (PRA) HAS SHOWN THAT A LOSS OF REACTOR COOLANT THROUGH THE PRIMARY COOLANT SYSTEM (PCS) DRAIN AND VENT LINES HAS A PROBABILITY OF 2×10^{-3} PER YEAR. CORE DAMAGE PROBABILITY OF SUCH AN EVENT IS 7×10^{-5} PER YEAR.

STATUS: MODIFICATIONS HAVE BEEN IDENTIFIED AND MODIFICATION PACKAGES PREPARED; COMPLETION BY COMMITMENT DATE IS EXPECTED.

RESOLUTION: THE TRO ELECTED TO REVIEW PCS P&IDS TO DETERMINE THE LOCATION OF LINES WITH SINGLE ISOLATION AND TO ADD AN ADDITIONAL ISOLATION DEVICE.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
5.3.10

SEP TOPIC

CPCO LETTERS TO NRC DATED
02FEB84
14AUG84

NRC LETTERS TO CPCO DATED

INTERNAL MEMOS

OTHER RELEVANT REFERENCES
FC-575
PROJECT 490

BIG ROCK POINT INTEGRATED PLAN

TITLE: HIGH PRESSURE RECYCLE

ISSUE NUMBER: 018

SCORE: 16

COMMITMENT: NONE AT THIS TIME

DESCRIPTION:

ISSUE:

UNDER CERTAIN CONDITIONS (FAILURE OF MAIN AND EMERGENCY CONDENSERS), PCS PRESSURE WILL INCREASE THE PCS SAFETY VALVES SET POINT. AS THE PCS SAFETY VALVES CYCLE OPEN AND CLOSED, WATER & STEAM WILL ENTER CONTAINMENT. WATER LEVEL INSIDE CONTAINMENT WILL RISE TO DESIGN LIMITS UNLESS CHECKED CURRENTLY, THERE IS NO PROCEDURE WHICH ADDRESSES HOW TO STOP THIS RISE OF H2O INSIDE CONTAINMENT WITHOUT USE OF THE RDS.

STATUS: ANALYSIS DISCUSSED IN RESOLUTION HAS BEEN COMPLETED. EOPS WILL BE UPDATED CONSISTENT WITH EOP UPGRADE, ISSUE 32.

RESOLUTION:

THE TRG HAS ELECTED TO ENSURE THAT THE EMERGENCY OPERATING PROCEDURES INCLUDE A PROCEDURE WHICH INSTRUCTS THE OPERATOR TO UTILIZE THE POST-INCIDENT COOLING SYSTEM TO RECIRCULATE THE WATER DEPOSITED IN CONTAINMENT INTO THE CONDENSER HOT WELL THROUGH THE HIGH-PRESSURE FEEDWATER PUMPS AND FROM THERE TO THE PRIMARY COOLANT SYSTEM. THE TEMPERATURES, PRESSURES, FLOWS AND HENCE STRESSES IN THE AFFECTED SYSTEMS WOULD BE EQUIVALENT OR LESS THAN THOSE ASSOCIATED WITH THESE SYSTEMS AS THEY ARE DESIGNED TO OPERATE. BECAUSE OF POTENTIAL RADIONUCLIDES IN THE CONTAINMENT SUMP A RADIOLOGICAL ANALYSIS IDENTIFYING THE NUCLIDE CONCENTRATION ABOVE WHICH HIGH-PRESSURE RECYCLE SHOULD NOT BE PLACED IN SERVICE HAS BEEN IDENTIFIED. THIS ANALYSIS HAS BEEN COMPLETED. EOPS WILL BE UPDATED CONSISTENT WITH EOP UPGRADE, ISSUE 32.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
5.3.1.2

SEP TOPIC

CPCO LETTERS TO NRC DATED
02FEB84

NRC LETTERS TO CPCO DATED

INTERNAL MEMOS
DPB 83-06

OTHER RELEVANT REFERENCES
PRA APPENDIX XI
PROJECT 636

BIG ROCK POINT INTEGRATED PLAN

TITLE: HYDROGEN MONITORING

ISSUE NUMBER: 019

SCORE: 0

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE:

DRAFT IPSAR SECTION 5.3.7 STATES-THE SMALL AMOUNTS OF HYDROGEN WHICH MAY BE GENERATED BECAUSE OF METAL-H₂O REACTION OR CHEMICAL REACTION WITH COATINGS DOES NOT REPRESENT A SIGNIFICANT CONTRIBUTOR TO THE FAILURE OF CONTAINMENT. ALSO, THE STAFF DOES NOT BELIEVE THAT ENOUGH HYDROGEN WOULD BE GENERATED IN THE SHORT TERM WHICH COULD BURN & AFFECT THE FUNCTION OF THIS EQUIPMENT INSIDE CONTAINMENT. THIS EVALUATION HASN'T CONSIDERED LONGTERM EFFECT OF HYDROGEN PRODUCED BY RADIOLYSIS.

RESOLUTION:

THE TRG CONCURS WITH AN ANALYSIS WHICH SHOWS THAT RADIOLYTIC DECOMPOSITION OF WATER DOES NOT HAVE A SIGNIFICANT EFFECT ON THE HYDROGEN CONCENTRATION IN THE CONTAINMENT EVEN OVER LONG PERIODS OF TIME. THEREFORE, NO FURTHER ACTION ON THIS ITEM IS REQUIRED.
THIS ISSUE IS CONSIDERED RESOLVED AND HAS BEEN REMOVED FROM THE RANKED LIST OF ISSUES.

REFERENCES:

GENERIC LETTER

CPCO LETTERS TO NRC DATED

02MAY84
19DEC80
22FEB80
04MAY79
01DEC80

INTERNAL MEMOS
DPB 83-06

NUREG
0737 II.F.1.6
0828, MAY 84

IPSAR SECTION

5.3.7

NRC LETTERS TO CPCO DATED

31OCT80
08MAY84
02SEP83

SEP TOPIC

OTHER RELEVANT REFERENCES

LETTER TCHOUGHTON, KMC TO DJVANDEWALLE 11/15/83
SECY 83-357, 8/26/83 10CFR50 RULEMAKING ISSUE

BIG ROCK POINT INTEGRATED PLAN

LETTER FROM GHSCOTT, GE TO JLKUEMIN 11/24/82

BIG ROCK JOINT INTEGRATED PLAN

TITLE: INSTRUMENTATION TO DETECT INADEQUATE CORE COOLING

ISSUE NUMBER: 020

SCORE: 4

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE: NUREG-0737, ITEM II.F.2, PROPOSES INSTRUMENTATION TO DETECT INADEQUATE CORE COOLING.

RESOLUTION: THE TRG CONCLUDED THAT INSTALLING THIS INSTRUMENTATION WOULD NOT BE COST EFFECTIVE. IN THE
IPSAR, NUREG 0828, THE NRC STAFF AGREED THAT THIS INSTALLATION WOULD NOT BE COST EFFECTIVE.
THIS ISSUE IS CONSIDERED RESOLVED AND HAS BEEN REMOVED FROM THE RANKED LIST OF ISSUES.

REFERENCES:

GENERIC LETTER

NUREG
0737 II.F.2
0828, MAY 84

IPSAR SECTION

5.3.19

SEP TOPIC

CPCO LETTERS TO NRC DATED

02FEB84
02MAY82

NRC LETTERS TO CPCO DATED

17MAY84

INTERNAL MEMOS

RMK 03-84

OTHER RELEVANT REVERENCES

BIG ROCK POINT INTEGRATED PLAN

TITLE: RECIRCULATION PUMP TRIP

ISSUE NUMBER: 021

SCORE: 7

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE:

PER THE NRC, EVALUATE (USING COST-BENEFIT ANALYSIS) THE INSTALLATION OF A RECIRCULATION PUMP TRIP (RPT) THAT IS NOT CLASS IE, SEISMIC, OR ENVIRONMENTALLY QUALIFIED.

RESOLUTION:

THE OVERSIDED SAFETY RELIEF CAPABILITY AND THE LACK OF HIGH PRESSURE CORE INJECTION AT BIG ROCK POINT MAKE THE AUTOMATIC RECIRCULATION PUMPTrip INAPPROPRIATE TO MITIGATE THE EFFECTS OF ATWS. ALSO, COST-BENEFIT ANALYSIS SHOWS THAT INSTALLATION OF THE SYSTEM WOULD NOT BE COST-EFFECTIVE.

THIS ISSUE IS CONSIDERED RESOLVED AND HAS BEEN REMOVED FROM THE RANKED LIST OF ISSUES.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
5.3.18

SEP TOPIC

INTERNAL MEMOS
DPB 83-06
RMK 03-84

OTHER RELEVANT REVERENCES
PRC MEETING 7-79

BIG ROCK POINT INTEGRATED PLAN

TITLE: ORGANIC MATERIALS (WALL COATINGS)

ISSUE NUMBER: 022A

SCORE: 13

COMMITMENT: NONE AT THIS TIME

DESCRIPTION:

ISSUE:

IN ACCORDANCE WITH 10CFR50(GDC1) AND APPENDIX B, LICENSEES SHOULD ENSURE THAT PROTECTIVE COATINGS INSIDE THE CONTAINMENT DO NOT CONSIST OF MATERIAL THAT COULD CREATE A HAZARDOUS ENVIRONMENT OR CAUSE MATERIAL FAILURE BY BLOCKAGE OF SCREENS & SPRAY NOZZLES. THE LICENSEE SHOULD DEMONSTRATE THAT COATINGS USED ARE QUALIFIED FOR DBA CONDITIONS & WILL NOT CLOG RECIRCULATION SCREENS. THE LICENSEE SHOULD ALSO HAVE A FORMAL PROGRAM FOR PERIODIC INSPECTION OF COATINGS INSIDE CONTAINMENT STATUS: NRC HAS REVIEWED AND ACCEPTED TEST RESULTS AND OUR PROPOSED SURVEILLANCE PROGRAM. REMAINING ACTIONS ARE TO REMOVE SOME LOOSE FLOORCOATINGS AND IMPLEMENT SURVEILLANCE PROGRAM. THESE ACTIONS WILL BE COMPLETE BY DECEMBER 31, 1985.

RESOLUTION:

PLANT SAMPLES FORM SURFACES INSIDE CONTAINMENT HAVE BEEN TESTED TO DETERMINE IF THEY WILL ADHERE UNDER ACCIDENT CONDITIONS. TEST RESULTS AND SURVEILLANCE PROGRAM WERE SUBMITTED JAN 18, 1985. REQUIRES NRC REVIEW.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
4.19.1

SEP TOPIC
VI-1

CPCO LETTERS TO NRC DATED

16MAR82
28FEB83
02FEB84
02MAY84
18JAN85

NRC LETTERS TO CPCO DATED

24NOV82
27AUG84
13JUN85

INTERNAL MEMOS
PUSC 36-84

OTHER RELEVANT REVERENCES

ISSUE 104
A-NL-85-07
PROJECT 637

BIG ROCK POINT INTEGRATED PLAN

TITLE: POST ACCIDENT CHEMISTRY - SEP TOPIC VI-1

ISSUE NUMBER: 022B

SCORE: 1

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE:

10CFR50 (GDC14) REQUIRES THAT THE RCPB BE DESIGNED AND ERECTED SO IT HAS AN EXTREMELY LOW PROBABILITY OF ABNORMAL LEAKAGE AND GROSS RUPTURE. THE NRC RAISED A CONCERN REGARDING THE USE OF LAKE WATER, WHICH COULD HAVE CHLORIDE CONCENTRATIONS IN EXCESS OF THE CURRENT LICENSING CRITERIA LIMITS, FOR EMERGENCY CORE COOLING.

RESOLUTION:

PER CONSUMERS POWER COMPANY LETTER DATED JUNE 17, 1983, THIS ISSUED IS CONSIDERED CLOSED. THIS ISSUE IS CONSIDERED RESOLVED AND HAS BEEN REMOVED FROM THE RANKED LIST OF ISSUES.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
4.19.2

SEP TOPIC
VI-1

BIG ROCK POINT INTEGRATED PLAN

TITLE: BALANCE OF PLANT QA PLAN DEVELOPMENT

ISSUE NUMBER: 023

SCORE: 4

COMMITMENT: NONE AT THIS TIME.

DESCRIPTION:

ISSUE: IT WOULD BE BENEFICIAL TO HAVE A QUALITY ASSURANCE PLAN FOR BALANCE OF PLANT EQUIPMENT.

STATUS: INACTIVE DUE TO LACK OF RESOURCES.

RESOLUTION: A NEW PROGRAM WILL BE DEVELOPED, ALTHOUGH NO MONEY IS BUDGETED FOR THIS PROGRAM IN 1984. THE TRG WILL RANK THE IMPLEMENTATION OF THE PROGRAM WHEN IT IS DEVELOPED. THE PROGRAM REQUIRES: 1) A DEFINITION OF RELIABILITY-RELATED EQUIPMENT AND 2) A DETERMINATION OF THE EXTENT OF Q-CONTROLS TO BE PLACED ON THE BALANCE OF PLANT EQUIPMENT.

REFERENCES:

GENERIC LETTER

NUREG

IPSAR SECTION
5.3.21

SEP TOPIC

INTERNAL MEMOS
RHB 83-15

OTHER RELEVANT REFERENCES
PROJECT 394

1981 INPO AUDIT
RELIABILITY ASSURANCE PROG STUDY REPORT 8/31/82

BIG ROCK POINT INTEGRATED PLAN

TITLE: INSTALLATION OF DP GAUGE ON NONREGENHEAT EXCHANGER

ISSUE NUMBER: 024

SCORE: 11

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE:

INSURE DP ACROSS THE SHELL SIDE OF THE NONREGENERATING HEAT EXCHANGER IS WITHIN ITS DESIGN LIMIT PREVENTING THE POSSIBILITY OF A LOCA.

RESOLUTION: INSTALL DP GAUGE ACROSS SHELL SIDE OF NONREGENRATIVE HEAT EXCHANGER.

REFERENCES:

INTERNAL MEMOS

OTHER RELEVANT REVERENCES

FC-567, PROJECT 465

SST-04-01

D-BRP-77-26

CARTRIDGE 1746 FRAME 0195 (MICROFILM)

BIG ROCK POINT INTEGRATED PLAN

TITLE: WIND AND TORNADO LOAD AND TORNADO MISS - SEP TOPIC III-2 AND III-4.A

ISSUE NUMBER: 025

SCORE: 10

COMMITMENT: NONE AT THIS TIME

DESCRIPTION:

ISSUE: THE NRC HAS REQUIRED REVIEW OF THE EFFECTS OF HIGH WINDS AND TORNADO LOADINGS AND UPGRADES OR BACKFITS WHERE APPROPRIATE.

STATUS: AWAITING NRC REVIEW OF ISSUE. ANALYSIS WILL BE UPDATED REFLECTING INTERGRATION OF QUALIFIED ALTERNATE SHUTDOWN BUILDING BY DECEMBER 31, 1985.

RESOLUTION: PRA WAS USED TO DETERMINE PROBABILISTIC INFORMATION REGARDING HIGH WINDS & TORNADOS. CONSUMERS POWER WILL CONTINUE AIDING THE NRC IN EVALUATING AND REVIEWING THIS INFORMATION. A RESPONSE FROM THE NRC WAS EXPECTED IN MARCH 1984. RESOLUTION OF THIS ISSUE MAY BE AIDED BY INSTALLATION OF THE ALTERNATE SHUTDOWN PANEL IN A TORNADO-PROOF BUILDING

REFERENCES:

GENERIC LETTER

CPCO LETTERS TO NRC DATED

07MAY83
03AUG82
16MAR83

INTERNAL MEMOS

JENK 92-83
DPB 83-05

NUREG

0828, MAY 84

IPSAR SECTION

4.5
4.8

NRC LETTERS TO CPCO DATED

17MAY84
09DEC82
29NOV82
17DEC80

SEP TOPIC

III-2
III-4.A

OTHER RELEVANT REVERENCES

A-BRP-83-28
PROJECT 638

BIG ROCK POINT INTEGRATED PLAN

TITLE: ISI OF WATER CONTROL STRUCTURES

ISSUE NUMBER: 026

SCORE: 0

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE:

RESOLUTION: RESOLVED BY JAN 14, 1983 LETTER FROM KATONER TO DMCRTCHFIELD.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
4.7(1)

SEP TOPIC
111-3.C

CPCO LETTERS TO NRC DATED
14JAN83

NRC LETTERS TO CPCO DATED

INTERNAL MEMOS
GCW 83-39

OTHER RELEVANT REVERENCES
MBLS-2

BIG ROCK POINT INTEGRATED PLAN

TITLE: SERVICE WATER/COOLING WATER SYSTEMS

ISSUE NUMBER: 027

SCORE: 2

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE: DEVELOPED PROCEDURES TO BALANCE SYSTEM FLOW IN THE EVENT OF PASSIVE FAILURES AND EVALUATE CONSEQUENCES OF SUCH FAILURES.

RESOLUTION: RESOLVED BY CPCO TO NRC 9/3/82.

REFERENCES:

GENERIC LETTER

NUREG

IPSAR SECTION
4.25

SEP TOPIC
IX-3

CPCO LETTERS TO NRC DATED
03SEP82
20JUL82

NRC LETTERS TO CPCO DATED
29SEP82
20JUL82

BIG ROCK POINT INTEGRATED PLAN

TITLE: PROXIMITY OF TECTONIC STRUCTURES

ISSUE NUMBER: 028

SCORE: 3

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE: INVESTIGATE THE POSSIBILITY OF EXISTING CAVITIES AT THE PLANT SITE.

RESOLUTION: PROVIDE NRC ANALYSIS OF TECTONIC STRUCTURES.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
4.3

SEP TOPIC
II-4.B

CPCO LETTERS TO NRC DATED

NRC LETTERS TO CPCO DATED
12OCT82

BIG ROCK POINT INTEGRATED PLAN

TITLE: TURBINE MISSILES

ISSUE NUMBER: 029

SCORE: 1

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE:

PROVIDE ASSURANCE THAT STRUCTURES IMPORTANT TO SAFETY HAVE ADEQUATE PROTECTION AGAINST TURBINE MISSILES BECAUSE OF STRUCTURAL BARRIERS OR HAVE A HIGH DEGREE OF INSURING THAT FAILURE DUE TO TURBINE OVERSPEED WILL NOT OCCUR.

RESOLUTION:

CPCO TO NRC 12/13/82-LOW PROBABILITY (5.7 EE-8/RX YR) OF TURBINE FAILURE TURBINE ORIENTED RADIALY.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
4.9

SEP TOPIC
III-4.B

CPCO LETTERS TO NRC DATED
13DEC82

NRC LETTERS TO CPCO DATED
29NOV83

BIG ROCK POINT INTEGRATED PLAN

TITLE: DEFINITION OF OPERABILITY

ISSUE NUMBER: 031

SCORE: 3

COMMITMENT: CONSUMERS POWER HAS COMMITTED TO COMPLETE THE WORK ON THIS ISSUE, AS DESCRIBED BELOW, BY 30JUN84.

DESCRIPTION:

ISSUE:

IPSAR (NUREG 0828) TABLE 5.2 LIST BIG ROCK POINT TECHNICAL SPECIFICATIONS WITHOUT OPERABILITY REQUIREMENTS. THE NRC SUGGESTS THAT CONSUMERS POWER INCLUDE A DEFINITION OF OPERABILITY IN THE BIG ROCK POINT TECHNICAL SPECIFICATIONS AND LIMITING CONDITIONS FOR OPERATION (LCO) FOR MULTIPLE TRAIN SYSTEMS AND INCLUDE LCO'S FOR ITEMS LISTED ON IN TABLE 5.2.

STATUS: TECHNICAL SPECIFICATIONS CHANGE REQUEST SUBMITTED NOVEMBER 14, 1984 AND REVISION SUBMITTED JANUARY 17, 1985. WAITING ON NRC APPROVAL.

RESOLUTION:

A TECHNICAL SPECIFICATION CHANGE WAS PREPARED AND APPROVED BY THE SARF. LCO'S ARE BEING DEFINED FOR ENGINEERED SAFEGUARD SYSTEMS FOR WHICH LCO'S DO NOT EXIST FOR MULTIPLE TRAIN INOPERABILITY IN THE EXISTING SPECIFICATIONS. THE REVISED TECHNICAL SPECIFICATION IS INCLUDED IN THIS SUBMITTAL.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
5.3.24

SEP TOPIC

CFCO LETTERS TO NRC DATED

02FEB84
02MAY84
14AUG84
31MAY83
14NOV84
17JAN85

NRC LETTERS TO CPCO DATED
10APR80
.
.
.
.

INTERNAL MEMOS
DED 84-02

OTHER RELEVANT REFERENCES

BIG ROCK POINT INTEGRATED PLAN

TITLE: EMERGENCY OPERATING PROCEDURE UPGRADE

ISSUE NUMBER: 032

SCORE: 17

COMMITMENT: CONSUMERS POWER HAS COMMITTED TO COMPLETE THE WORK ON THIS ISSUE, AS DESCRIBED BELOW, BY 31MAY86.

DESCRIPTION:

ISSUE:

SECTION 5.3.2.2 OF IPSAR (NUREG 0828), THE NRC RECOMMENDS THAT CONSUMERS POWER:
1. PREPARE PLANT-SPECIFIC PROCEDURES THAT IN GENERAL CONFORM TO EMERGENCY PROCEDURE GUIDELINES & IMPLEMENT THESE PROCEDURES AS OUTLINED IN SUPPLEMENT 1 TO NUREG-0737 TRANSMITTED BY GENERIC LETTER NO 82-33 DATED DECEMBER 17, 1982.

2. PREPARE SUPPLEMENTS TO THE GUIDELINES THAT COVER CHANGES, NEW EQUIPMENT OR NEW KNOWLEDGE AND INCORPORATE THESE SUPPLEMENTS INTO PLANT-SPECIFIC PROCEDURES.

STATUS: INTERIM MILESTONES HAVE SLIPPED DUE TO LACK OF MANPOWER AND SLIPPAGE IN COMPLETION OF SYMPTOM ACTION SETS. COMPLETION BY COMMITMENT DATE IS STILL EXPECTED.

RESOLUTION:

PLANT-SPECIFIC TECHNICAL GUIDELINES, A TRAINING PACKAGE, A WRITER'S GUIDE AND A VERIFICATION AND VALIDATION PROGRAM WILL BE SUBMITTED TO THE NRC. THE TECHNICAL GUIDELINES AND WRITER'S GUIDE WILL BE USED TO UPGRADE PLANT EMERGENCY OPERATING PROCEDURES. VERIFICATION & VALIDATION PROGRAM WILL BE ACHIEVED BY: 1) AUDITING THE UPGRADE PROCEDURES AGAINST THE WRITER'S GUIDE AND PLANT-SPECIFIC TECHNICAL GUIDELINES AND 2) CONDUCTING CONTROL ROOM WALK-THROUGHS AND 3) TRAINING & TESTING THE OPERATORS ON THE PROCEDURES.

REFERENCES:

GENERIC LETTER

82-33

NUREG
0737 I.C.1
0828, MAY 84
0737, SUP 1

IPSAR SECTION

5.3.3.3
5.3.3.2

SEP TOPIC

CPCO LETTERS TO NRC DATED

01JUN83
02FEB84

NRC LETTERS TO CPCO DATED

.

INTERNAL MEMOS

OTHER RELEVANT REFERENCES
PROJECT 531

BIG ROCK POINT INTEGRATED PLAN

TITLE: REFERENCE VOLUME CHAMBER REMOVAL

ISSUE NUMBER: 033

SCORE: 0

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE: REFERENCE VOLUME CHAMBERS PREVIOUSLY USED FOR CILRT ARE NOT SEISMICALLY ANCHORED.

RESOLUTION: REMOVE REFERENCE VOLUME CHAMBER FROM CONTAINMENT

REFERENCES:

INTERNAL MEMOS

OTHER RELEVANT REFERENCES
SFC-82-029, PROJECT 423

BIG ROCK POINT INTEGRATED PLAN

TITLE: CONTROL ROOM AIR CONDITIONING

ISSUE NUMBER: 034

SCORE: 1

COMMITMENT: NONE AT THIS TIME

DESCRIPTION:

ISSUE: IPSAR (NUREG 0828) SECTION 5.3.5.3 STATES THAT CONSUMERS POWER INTENDS TO INCREASE BIG ROCK CONTROL ROOM COOLING TO IMPROVE OPERATOR COMFORT DURING SUMMER MONTHS.

STATUS: THE PROPOSED MODIFICATION TO PROVIDE A CROSS TIE FROM THE WELL WATER SYSTEM TO THE SERVICE WATER SYSTEM IS COMPLETE. INVESTIGATION CONTINUES TO RESOLVE POST MODIFICATION STARTUP PROBLEMS. EXPECTED TO BE RESOLVED BY END OF 1985 REFUELING OUTAGE.

RESOLUTION: THE TRG HAS ELECTED TO PROVIDE ADDITIONAL AIR CONDITIONING COOLING CAPACITY TO THE CONTROL ROOM. THE PROPOSED MODIFICATION TO PROVIDE A CROSS TIE FROM THE WELL WATER SYSTEM TO THE SERVICE WATER SYSTEM IS EXPECTED TO BE COMPLETED PRIOR SUMMER 1985.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
5.3.5.3

SEP TOPIC

CPCO LETTERS TO NRC DATED
02FEB84
02NOV84

NRC LETTERS TO CPCO DATED

INTERNAL MEMOS
RMK 03-84

OTHER RELEVANT REFERENCES
PROJECT 372
FC-545
A-BRP-81-17

BIG ROCK POINT INTEGRATED PLAN

TITLE: PROBABLE MAXIMUM FLOOD CONSIDERATIONS

ISSUE NUMBER: 037

SCORE: 8

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE: FLOODING OF THE SCREENHOUSE OR TURBINE BUILDING, KNOCKING SERVICE WATER PUMPS OUT OF ORDER, NECESSITATES TAKING CERTAIN ACTIONS TO ENSURE SAFE SHUTDOWN.

STATUS: PROCEDURES REVISED TO INCORPORATE OPERATOR ACTIONS FOR FLOODING OF EITHER SCREENHOUSE OR TURBINE BUILDING. SEE ISSUE 87 ALSO.

RESOLUTION: DEVELOP FLOOD PROCEDURES. THIS ISSUE IS CONSIDERED RESOLVED PENDING ISSUANCE OF THE APPROVED PROCEDURE REVISIONS. SEE ISSUE 87 ALSO

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
4.2.2

SEP TOPIC
II-3.B
II-3.B.1

CPCO LETTERS TO NRC DATED

NRC LETTERS TO CPCO DATED
26OCT82
22MAR82

INTERNAL MEMOS

OTHER RELEVANT REVERENCES
QA05 472-84
ISSUE 87

BIG ROCK POINT INTEGRATED PLAN

TITLE: SAFETY RELATED WATER SUPPLY - SEP TOPIC II-3.C

ISSUE NUMBER: 038

SCORE: 2

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE:

THIS ISSUE CONCERNS A PROBABLE MINIMUM LAKE WATER LEVEL THAT COULD POTENTIALLY CAUSE A LOSS OF THE COOLING PATH TO THE ULTIMATE HEAT SINK.

RESOLUTION:

THE TRG HAS DETERMINED THAT THE RESOLUTION TO THIS ISSUE IS ADDRESSED BY THE RESOLUTION TO ISSUE NUMBER 87 (PIPE BREAK OUTSIDE OF CONTAINMENT).
THIS ISSUE IS CONSIDERED RESOLVED AND HAS BEEN REMOVED FROM THE RANKED LIST OF ISSUES.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
4.2.3

SEP TOPIC
II-3.C

CPCO LETTERS TO NRC DATED

NRC LETTERS TO CPCO DATED
26OCT82

BIG ROCK POINT INTEGRATED PLAN

TITLE: EFFECTS OF HIGH WATER LEVEL - SEP TOPIC III-3.A

ISSUE NUMBER: 039

SCORE: 1

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE: THIS ISSUE CONCERNS IDENTIFIED GROUND WATER LOADING CONDITIONS THAT HAVE NOT BEEN ADEQUATELY CONSIDERED IN THE ORIGINAL PLANT DESIGN.

RESOLUTION: THE TRG DETERMINED THAT THE RESOLUTION TO THIS IS ADDRESSED BY THE RESOLUTION TO ISSUE NUMBER 87 (PIPE BREAK OUTSIDE OF CONTAINMENT). THIS ISSUE IS CONSIDERED RESOLVED AND HAS BEEN REMOVED FROM THE RANKED LIST OF ISSUES.

REFERENCES:

GENERIC LETTER

NUREG

IPSAR SECTION
4.6

SEP TOPIC
III-3.A

CPCO LETTERS TO NRC DATED

NRC LETTERS TO CPCO DATED
02DEC82

INTERNAL MEMOS

OTHER RELEVANT REFERENCES
ISSUE 37

BIG ROCK POINT INTEGRATED PLAN

TITLE: PIPING AND SAFE END INTEGRITY

ISSUE NUMBER: 040

SCORE: 3

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE: CONCERN DUE TO CRACKING IN BWR PIPING AND SAFE ENDS DUE TO IGSCC.

RESOLUTION: IMPLEMENT INSPECTION PROGRAM THAT EXCEEDS ASME SECTION XI REQUIREMENTS.

REFERENCES:

GENERIC LETTER

NUREG

IPSAR SECTION

SEP TOPIC
V-4

INTERNAL MEMOS

OTHER RELEVANT REVERENCES
IEB 83-02

BIG ROCK POINT INTEGRATED PLAN

TITLE: CLASSIFICATION OF STRUCTURES, SYSTEMS, AND COMPONENTS

ISSUE NUMBER: 041

SCORE: 0

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE: ENSURE SYSTEMS AND COMPONENTS WERE DESIGNED, FABRICATED, INSTALLED AND TESTED TO QUALITY STANDARDS THAT REFLECT THE IMPORTANCE OF THEIR SAFETY FUNCTION.

RESOLUTION: A SUBMITTAL HAS BEEN MADE TO THE NRC TO ADDRESS THIS ISSUE.

REFERENCES:

GENERIC LETTER

NUREG

IPSAR SECTION

SEP TOPIC

4.4.1
4.4.2

III-1

CPCO LETTERS TO NRC DATED

29DEC81
23NOV82

NRC LETTERS TO CPCO DATED

15APR82
19MAY81

BIG ROCK POINT INTEGRATED PLAN

TITLE: ONGOING ISI

ISSUE NUMBER: 042

SCORE: 21

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE: DETERMINING SAFETY AND INTEGRITY OF SAFETY RELATED SYSTEMS.

RESOLUTION: RESPOND TO REQUIREMENTS OF SECTION XI AND BRP MASTER ISI PLAN.

REFERENCES:

INTERNAL MEMOS

OTHER RELEVANT REVERENCES

NRC IEB 83-02

ASME SECTION XI/BRP 40 YR MASTER ISI PLAN

BIG ROCK POINT INTEGRATED PLAN

TITLE: MECHANICAL SNUBBERS

ISSUE NUMBER: 043

SCORE: 4

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE: PERFORM SNUBBER EXAMINATIONS ACCORDING TO BRP T.S. AND NRC REQUIREMENTS.

RESOLUTION: SNUBBERS WILL BE EXAMINED IN ACCORDNACE WITH TECH SPEC 4.1.5.

REFERENCES:

GENERIC LETTER

NUREG

IPSAR SECTION
5.4.1

SEP TOPIC

INTERNAL MEMOS

OTHER RELEVANT REVERENCES
NRC IEB 81-01
TSA 64, 1/1/84

BIG ROCK POINT INTEGRATED PLAN

TITLE: VERIFICATION OF BS&B VALVE DATA

ISSUE NUMBER: 044

SCORE: 8

COMMITMENT: NONE AT THIS TIME

DESCRIPTION:

ISSUE:

DURING PLANT DESIGN REVIEWS WHICH WERE CONDUCTED AS A PART OF THE LICENSEE'S PRA, SOME BS&B AIR OPERATED VALVES WERE FOUND TO HAVE OPENING AND CLOSING PRESSURE SETTINGS WHICH DIFFERED FROM INSTRUMENT DATA. THIS ISSUE CONSISTS OF GATHERING ACCURATE AND RELIABLE DATA ON EXISTING PLANT COMPONENTS FOR GETTING THE BEST PERFORMANCE OUT OF THE VALVES AND MAINTAINING THEM EFFICIENTLY. SUFFICIENT TESTING IS DONE TO INSURE COMPONENTS ASSOCIATED WITH CORE COOLING OR CONTAINMENT ISOLATION FUNCTION PROPERLY.

STATUS: FOLLOWING RESOLUTION. THIS IS AN ONGOING PROJECT WITH ALL VALVES EXPECTED TO BE COMPLETED BY DECEMBER 31, 1987.

RESOLUTION:

OBTAIN DATA AS VALVES ARE WORKED ON DUE TO ALARA CONSIDERATIONS.

REFERENCES:

GENERIC LETTER

CPCO LETTERS TO NRC DATED

02FEB84
02MAY84
02NOV84

INTERNAL MEMOS

NUREG
0828, MAY 84

IPSAR SECTION
5.3.17

SEP TOPIC

NRC LETTERS TO CPCO DATED

OTHER RELEVANT REFERENCES
PROJECT 422

BIG ROCK POINT INTEGRATED PLAN

TITLE: ECCS TEST TERMINAL BOX

ISSUE NUMBER: 045

SCORE: 0

COMMITMENT: NONE AT THIS TIME

DESCRIPTION:

ISSUE: I&C EFFICIENCY CONCERN, PRESENTLY, TECHNICIANS MUST OPEN PRESSURE SWITCHES TO ACTUATE CORE SPRAY INITIATION SIGNAL TO PERFORM TECHNICAL SPECIFICATION TESTING.

STATUS: LOW RANKING, NO SCHEDULE DEVELOPED.

RESOLUTION: MODIFY ECCS TEST TERMINAL BOX TO FACILITATE TESTING OF CORE SPRAY ACTUATION CIRCUITS.

REFERENCES:

INTERNAL MEMOS

OTHER RELEVANT REFERENCES
PROJECT 214

BIG ROCK POINT INTEGRATED PLAN

TITLE: REVISED REACTOR VESSEL PRESS/TEMP LIMITS

ISSUE NUMBER: 046

SCORE: 18

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE: REACTOR VESSEL PRESSURE TEMPERATURE LIMITS OF TS52 EXPIRE AT THE END OF 1.25 EFY FROM THE END OF THE 1982 REFUELING OUTAGE (MID APRIL, 1984).

RESOLUTION: REVISE REACTOR VESSEL PRESSURE/TEMPERATURE LIMITS (TABLE 4-1).

REFERENCES:

CPCO LETTERS TO NRC DATED
24AUG83

INTERNAL MEMOS
JRK 83-10

NRC LETTERS TO CPCO DATED
23NOV83
12APR84

OTHER RELEVANT REVERENCES
TECH SPEC AMENDMENT 66

BIG ROCK POINT INTEGRATED PLAN

TITLE: SPENT FUEL POOL CLEANUP

ISSUE NUMBER: 047

SCORE: 0

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE: PROVIDE ROOM FOR INSTALLATION OF SPENT FUEL RACKS INTO THE FUEL POOL.

RESOLUTION: REMOVE SCRAP REACTOR INTERNALS FROM SPENT FUEL POOL FLOOR.

REFERENCES:

INTERNAL MEMOS

OTHER RELEVANT REVERENCES
PROJECT 419

BIG ROCK POINT INTEGRATED PLAN

TITLE: CLEAN-UP DEMINERALIZER SYSTEM PUMP REPLACEMENT INVESTIGATION

ISSUE NUMBER: 048

SCORE: 14

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE:

THE CLEAN-UP DEINIERALIZER SYSTEM IS REQUIRED FOR CONTINUOUS FULL POWER OPERATION OF BIG ROCK.
THE PUMP HAS EXPERIENCED FREQUENT MOTOR CASE EROSION.

RESOLUTION:

A STUDY WAS CONDUCTED TO DETERMINE WHETHER TO REPLACE THE PUMP WITH A DESIGN MORE SUITABLE FOR
OPERATING CONDITIONS OR TO PROVIDE A BYPASS AROUND THE PUMP.
THIS ISSUE IS FURTHER ADDRESSED IN ISSUE 48A.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
5.3.9.1

SEP TOPIC

CPCO LETTERS TO NRC DATED
14AUG84
02FEB84

NRC LETTERS TO CPCO DATED

INTERNAL MEMOS

OTHER RELEVANT REVERENCES

ISSUE 48A
PROJECT 415
SST-25
EMPLOYEE SUGGESTION 85-102-82-009

BIG ROCK POINT INTEGRATED PLAN

TITLE: CLEANUP DEMINERALIZER SYSTEM PUMP BYPASS

ISSUE NUMBER: 048A

SCORE: 16

COMMITMENT: NONE AT THIS TIME

DESCRIPTION:

ISSUE: THE CLEAN-UP DEMINERALIZER SYSTEM IS REQUIRED FOR CONTINUOUS FULL POWER OPERATION OF BIG ROCK. THE PUMP HAS EXPERIENCED FREQUENT MOTOR CASE EROSION.

STATUS: MODIFICATION WILL NOT BE SCHEDULED UNTIL AFTER 1985 REFUELING OUTAGE. NEW SCHEDULE WILL BE DEVELOPED BY THE END OF 1985.

RESOLUTION: THE TRG HAS DETERMINED THAT A BYPASS OF THE CLEAN-UP DEMINERALIZER SYSTEM PUMP SHOULD BE INSTALLED.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
5.3.9.1

SEP TOPIC

CPCO LETTERS TO NRC DATED
14AUG84

NRC LETTERS TO CPCO DATED

INTERNAL MEMOS

OTHER RELEVANT REFERENCES
PROJECT 415

BIG ROCK POINT INTEGRATED PLAN

TITLE: VENTILATION SYSTEMS

ISSUE NUMBER: 049

SCORE: 0

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE:

RESOLUTION: MODIFY DIESEL GENERATOR VENTILATION SYSTEM.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
4.26.2

SEP TOPIC
IX-5

BIG ROCK POINT INTEGRATED PLAN

TITLE: MSIV BACKUP VALVES - LEAK TESTING

ISSUE NUMBER: 050A1

SCORE: 14

COMMITMENT: NONE AT THIS TIME.

DESCRIPTION:

ISSUE: A HYDROSTATIC TEST AT THE END OF OUTAGES, WHICH MAY IMPACT PLANT AVAILABILITY, IS THE ONLY MEANS OF TESTING THE MAIN STEAM ISOLATION VALVE AND MAIN STEAM DRAIN LINE VALVE.

STATUS: ASSIGNED TO NEW ISSUE MANAGER. A NEW SCHEDULE WILL BE DEVELOPED BY THE END OF 1985.

RESOLUTION: THE TRG HAS ELECTED TO PERFORM MODIFICATIONS TO PERMIT AIR TESTING OF THE MAIN STEAM ISOLATION VALVE.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
4.20.5
4.20.7.2

SEP TOPIC
VI-4

CPCO LETTERS TO NRC DATED
02FEB84
02MAY84
14AUG84
24SEP84

NRC LETTERS TO CPCO DATED
09DEC82
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INTERNAL MEMOS

OTHER RELEVANT REVERENCES
RMK 04-84
RMK 03-84
PROJECT 596

BIG ROCK POINT INTEGRATED PLAN

TITLE: CONTAINMENT ISOLATION - ONLINE TESTING OF MSIV

ISSUE NUMBER: 050A2

SCORE: 19

COMMITMENT: CONSUMERS POWER HAS COMMITTED TO COMPLETE THE WORK ON THIS ISSUE, AS DESCRIBED BELOW, BY THE END OF THE 1986 REFUELING OUTAGE

DESCRIPTION:

ISSUE:

THE NRC STAFF BELIEVES THAT ISOLATION SHOULD BE INSTALLED IN ADDITION TO EXISTING SINGLE MAIN STEAM ISOLATION VALVE (MSIV). PRA HAS DETERMINED THAT THE MAIN STEAM LINE IS THE LARGEST CONTRIBUTOR TO CONTAINMENT ISOLATION FAILURE.

STATUS: ON HOLD. TRG IS REVIEWING ISSUE SCOPE AND ISSUE IS TENTATIVELY PROJECTED FOR 1986 REFUELING OUTAGE.

RESOLUTION:

THE TRG HAS ELECTED TO PERFORM THE NECESSARY MODIFICATION SO THAT A MEDIUM TERM (THREE YEARS) STUDY CAN BE PERFORMED IN ORDER TO BETTER ASSESS AND TO IMPROVE MSIV ISOLATION RELIABILITY. MODIFICATIONS TO PERFORM PARTIAL STROKE TESTING ARE EXPECTED TO BE COMPLETED DURING THE 1986 REFUELING OUTAGE. TRG HAS ALSO DECIDED TO REEVALUATE THE COST BENEFIT OF INSTALLING A SECOND MSIV.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
4.20.5
4.20.7.2

SEP TOPIC
VI-4

CPCO LETTERS TO NRC DATED

22JUN83
02FEB84
02MAY84
24SEP82

NRC LETTERS TO CPCO DATED
09DEC82

INTERNAL MEMOS

DED 84-13
DED 84-03

OTHER RELEVANT REFERENCES

FC-574
PRC MEETINGS 17-83, 1-84, 6-84 THROUGH 45-84

RMK 03-84

BIG ROCK POINT INTEGRATED PLAN

LER 83-007
PROJECT 495

BIG ROCK POINT INTEGRATED PLAN

TITLE: CONTAINMENT ISOLATION - LEAK TEST OF CHECK VALVES

ISSUE NUMBER: 050B

SCORE: 9

COMMITMENT: CONSUMERS POWER HAS COMMITTED TO COMPLETE THE WORK ON THIS ISSUE, AS DESCRIBED BELOW, BY THE END OF THE 1985 REFUELING OUTAGE

DESCRIPTION:

ISSUE:

PROVIDE LEAK TEST PROGRAM FOR INSTRUMENT AND SERVICE AIR LINE CONTAINMENT ISOLATION CHECK VALVES.

STATUS: COMPLETION IS EXPECTED BY COMMITMENT DATE.

RESOLUTION: LEAK RATE TEST CONTAINMENT ISOLATION VALVES ON SERVICE AND INSTRUMENT AIR SYSTEM.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
4.20.4

SEP TOPIC
VI-4

CPCO LETTERS TO NRC DATED
24SEP84
14AUG84

NRC LETTERS TO CPCO DATED
09DEC82

INTERNAL MEMOS

OTHER RELEVANT REFERENCES
PROJECT 494

BIG ROCK POINT INTEGRATED PLAN

TITLE: CONTAIN ISOLATION - ISOLATION VALVES IN HEAT, COOL, OR SERVICE WATER

ISSUE NUMBER: 050C

SCORE: 2

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE:

ADD AUTOMATIC ISOLATION VALVES TO HEATING AND COOLING AND SERVICE WATER CONTAINMENT ISOLATION VALVES.

RESOLUTION:

HEATING AND COOLING WATER AND SERVICE WATER AUTOMATIC ISOLATION VALVES ARE NOT COST BENEFICIAL. SLIGHT DETRIMENTAL EFFECT THAT CONTAINMENT HEAT SINKS MAY BE LOST AND REQUIRES PASSIVE FAILURE OF PIPING COINCIDENT WITH AN ACCIDENT.

REFERENCES:

GENERIC LETTER

NUREG

IPSAR SECTION
4.20.6

SEP TOPIC
VI-4

CPCO LETTERS TO NRC DATED
24SEP82

NRC LETTERS TO CPCO DATED
09DEC82

BIG ROCK POINT INTEGRATED PLAN

TITLE: CONTAIN ISOLATION - ADD CONTROL CIRCUIT TO TREAT WASTE VALVE (CV-4049)

ISSUE NUMBER: 050D

SCORE: 5

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE: THE NRC STAFF RECOMMENDS THE INSTALLATION OF SUITABLE ISOLATION EQUIPMENT OR CONTROLS TO AFFORD GREATER ISOLATION CAPABILITY.

RESOLUTION: THE TRG RECOMMENDED INSTALLATION OF CIRCUITRY WHICH WILL ACTUATE THE TREATED WASTE VALVE (CV-4049) IN THE EVENT OF AN RPS SIGNAL, CAUSING THE VALVE TO CLOSE. THIS ISSUE IS CONSIDERED RESOLVED WITH THE COMPLETION OF FC-579 DURING THE 1984 REFUELING OUTAGE.

REFERENCES:

GENERIC LETTER

CPCO LETTERS TO NRC DATED

20JUL82
24APR82
01JUN83
21FEB84

INTERNAL MEMOS

NUREG
0828, MAY 84

IPSAR SECTION
4.20.4

SEP TOPIC
VI-4

NRC LETTERS TO CPCO DATED

11JUN82
23NOV82
09DEC82

OTHER RELEVANT REVERENCES

FC-579
TS SECTION 3.7(B)

BIG ROCK POINT INTEGRATED PLAN

TITLE: CONTAINMENT ISOLATION - AIR LOCK TESTING - SEP TOPIC VI-4

ISSUE NUMBER: 050E

SCORE: 1

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE: BIG ROCK POINT CONTAINMENT AIRLOCKS ARE LEAK TESTED EVERY SIX MONTHS. APPENDIX J TO 10CFR50 REQUIRES THAT AIRLOCKS BE LEAK TESTED WITH 72 HOURS AFTER EACH USE OR EVERY 72 HOURS IF THE AIRLOCKS ARE USED DAILY.

RESOLUTION: THE TRG BELIEVES THAT THE PRESENT AIRLOCK TEST FREQUENCY AND SEAL INSPECTION IN ACCORDANCE WITH THE MANUFACTURES RECOMMENDATIONS ADEQUATELY ADDRESS THIS ISSUE.
THIS ISSUE IS CONSIDERED RESOLVED WITH RECEIPT OF MANUFACTURER'S RECOMMENDATIONS.

REFERENCES:

GENERIC LETTER

MUREG
0828, MAY 84

IPSAR SECTION
4.20.7.1

SEP TOPIC
VI-4

CPCO LETTERS TO NRC DATED
24SEP82

NRC LETTERS TO CPCO DATED
09DEC82

BIG ROCK POINT INTEGRATED PLAN

TITLE: CONTAINMENT ISOLATION - HAND ISOLATION OF INSTRUM LINES - SEP TOPIC VI-4

ISSUE NUMBER: 050F

SCORE: 1

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE: ISOLATE INSTRUMENT LINES.

RESOLUTION: FAILURE OF INSTRUMENT LINES REQUIRES PASSIVE FAILURE OF INSTRUMENT PIPING ALONG WITH SIMULTANEOUS ACCIDENT, NO RESOLUTION REQUIRED DUE TO LOW PROBABILITY.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
4.20.4

SEP TOPIC
VI-4

CPCO LETTERS TO NRC DATED
24SEP82

NRC LETTERS TO CPCO DATED

BIG ROCK POINT INTEGRATED PLAN

TITLE: CONTAINMENT ISOLATION - PNEUMATIC TEST OF MSIV - SEP TOPIC VI-4

ISSUE NUMBER: 050G

SCORE: 0

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE:

THIS ISSUE CONCERNS THAT MANNER IN WHICH THE PLANT STAFF CURRENTLY PERFORMS LEAK TESTING OF THE MSIV. THE NRC RECOMMENDS EITHER THE DEVELOPMENT OF AN APPROPRIATE AIR OR NITROGEN TEST OR APPROPRIATE ACCEPTANCE CRITERIA FOR THE HYDROSTATIC TEST.

RESOLUTION:

THE RESOLUTION TO ISSUES 50A1 AND 50A2 ADEQUATELY ADDRESS THIS ISSUE.
THIS ISSUE IS CONSIDERED RESOLVED AND HAS BEEN REMOVED FROM THE RANKED LIST OF ISSUES.

REFERENCES:

GENERIC LETTER

NUREG

IPSAR SECTION

4.20.5
4.20.7.2

SEP TOPIC

VI-4

INTERNAL MEMOS

OTHER RELEVANT REFERENCES

ISSUES 50A1 AND 50A2

BIG ROCK POINT INTEGRATED PLAN

TITLE: DESIGN CODES, CRITERIA AND LOAD COMBINATIONS

ISSUE NUMBER: 051

SCORE: 1

COMMITMENT: NONE AT THIS TIME.

DESCRIPTION:

ISSUE:

IPSAR(NUREG 0828)SECTION 4.13, SEP TOPIC III-7.B(DSIGN CODES, DESIGN CRITERIA LOAD COMBINATIONS AND REACTOR CAVITY DESIGN CRITERIA), REQUIRES EXPLICIT EVALUATIONS CONSIDERING AFFECTED STRUCTURAL ELEMENTS AND LOAD COMBINATIONS ON A SAMPLING BASIS IN THE APPLICATION OF A "WEAK-LINK" APPROACH SEISMIC, WIND AND TORNADOES, MISSILES, HELB AND ORIGINAL PLANT STRUCTURAL DESIGN ANALYSIS. PROBABILISTIC ANALYSES SHOULD BE CONSIDERED COLLECTIVELY WHEN DECIDING ON SELECTIVE PLANT UPGRADING SO THAT A RELATIVELY EQUIVALENT LEVEL OF PROTECTION IS ACHIEVED FOR ALL HAZARDS CONSIDERED.

STATUS: ISSUE RESOLUTION IS DELAYED PENDING RESOLUTIONS OF ISSUES 90 AND 14.

RESOLUTION:

- A1. APPOINT A PERSON TO REVIEW WORK PERFORMED BY CONTRACTORS ON SEISMIC, WIND AND TORNADOES, MISSILES, HIGH-ENERGY LINE BREAK AND ORIGINAL PLANT STRUCTURAL DESIGN/ANALYSIS ISSUES.
 2. PURSUE PROBABILISTIC WORK ON INDIVIDUAL TOPICS WHICH HAVE BEEN ADDRESSED DETERMINISTICALLY.
 3. INTEGRATE RESULTS OF VARIOUS ANALYSES ON A SAMPLING BASIS TO IDENTIFY POTENTIAL STRUCTURES, SYSTEMS OR COMPONENTS FOR MODIFICATION.
 4. REFER MODIFICATION CANDIDATES BACK TO THE GROUP PERFORMING PROBABILISTIC ANALYSIS FOR COST/BENEFIT ASSESSMENT, OR
 - B1. INACTION MAY BE JUSTIFIED BY RESULTS OF ISSUE 90 AND 14.
- COMPLETION OF THE WORK ON THIS ISSUE WILL BE DETERMINED FOLLOWING COMPLETION OF ISSUES 90 AND 14.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
4.13

SEP TOPIC
III-7.B

CPCO LETTERS TO NRC DATED

02FEB84
31MAY85

NRC LETTERS TO CPCO DATED

30SEP82
02SEP81

INTERNAL MEMOS

OTHER RELEVANT REFERENCES

JENK 95-83
JLK 84-02

BIG ROCK POINT INTEGRATED PLAN

**ISSUES 90 AND 14
PROJECT 640**

BIG ROCK POINT INTEGRATED PLAN

TITLE: HELB - SEP TOPIC III-5.A

ISSUE NUMBER: 052

SCORE: 7

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE:

A CONCERN EXISTED THAT HIGH ENERGY LINE BREAK WOULD LEAD TO DAMAGE OF SAFETY SYSTEMS WHICH WOULD LEAD TO CORE DAMAGE.

RESOLUTION:

DUE PRA ON HIGH ENERGY LINE BREAK - CONCLUSION: CORE DAMAGE 4.7XEE-6/REACTOR YEAR, MODIFICATIONS NOT COST EFFECTIVE.

REFERENCES:

GENERIC LETTER

**NUREG
0828, MAY 84**

**IPSAR SECTION
4.10**

**SEP TOPIC
III-5.A**

CPCO LETTERS TO NRC DATED

22JUN83
30SEP82
15FEB83

**NRC LETTERS TO CPCO DATED
12NOV82**

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:
J

BIG ROCK POINT INTEGRATED PLAN

TITLE: PIPE BREAKS OUTSIDE CONTAINMENT

ISSUE NUMBER: 053

SCORE: 4

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE: NRC CONCERN-EFFECT OF PIPE BREAK IN SCREEN HOUSE ON SAFE SHUTDOWN CAPABILITY.

RESOLUTION: EVALUATE WITH PRA.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
4.11

SEP TOPIC
III-5.B

CPCO LETTERS TO NRC DATED

NRC LETTERS TO CPCO DATED
16SEP82

INTERNAL MEMOS

OTHER RELEVANT REFERENCES
ISSUE 87

BIG ROCK POINT INTEGRATED PLAN

TITLE: PLANT SHIELDING - NUREG 0737 ITEM II.B.2

ISSUE NUMBER: 054

SCORE: 17

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE:

THE DRAFT IPSAR STATES THAT THE LICENSEE WILL PERFORM ADDITIONAL STUDIES OF THE MAGNITUDE OF EXPOSURE AND COST-EFFECTIVENESS OF POSSIBLE ADDITIONAL SHIELDING.

RESOLUTION:

PER CONSUMERS POWER LETTER DATED NOVEMBER 7, 1983, ADDITIONALY ANALYSIS SHOWED THAT ADDITIONAL SHIELDING IS NOT NECESSARY.

REFERENCES:

GENERIC LETTER

NUREG
0737 II.B.2

IPSAR SECTION
5.3.5.1

SEP TOPIC
VI-8

CPCO LETTERS TO NRC DATED
07NOV83

NRC LETTERS TO CPCO DATED
20SEP84

INTERNAL MEMOS
RMM 83-19
RMM 82-38

OTHER RELEVANT REVERENCES

BIG ROCK POINT INTEGRATED PLAN

TITLE: METEOROLOGICAL TOWER

ISSUE NUMBER: 055

SCORE: 0

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE:

NUREG 0737-III.A.2-EMERGENCY PREPAREDNESS-LONG TERM REQUIRES

1. UPGRADE OF EMERGENCY PLANS
2. UPGRADE OF METEOROLOGICAL TOWER
3. UPGRADE OF DOSE ASSESSMENT CAPABILITY
4. INSTALLATION OF A WARNING SYSTEM

RESOLUTION: NRC SER RECEIVED BEFORE ISSUE WAS RANKED.

REFERENCES:

GENERIC LETTER

NUREG
0737
III.A.2.2

IPSAR SECTION
5.4.12

SEP TOPIC

CPCO LETTERS TO NRC DATED
01JUN81

NRC LETTERS TO CPCO DATED
18DEC81

BIG ROCK POINT INTEGRATED PLAN

TITLE: ESF UPGRADE

ISSUE NUMBER: 056

SCORE: 0

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE: PROVIDE TSC AND OSC TO MEET NUREG 0737 ITEM III.A.1.2 REQUIREMENTS.

RESOLUTION: NRC SER

REFERENCES:

GENERIC LETTER

NUREG
0737
0646

IPSAR SECTION
III.A.1.2

SEP TOPIC

CPCO LETTERS TO NRC DATED
01JUN81

NRC LETTERS TO CPCO DATED
18DEC81

BIG ROCK POINT INTEGRATED PLAN

TITLE: CONTROL ROOM HABITABILITY - NUREG 0737

ISSUE NUMBER: 057

SCORE: 15

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE: THE TRG DECIDED THAT ADDITIONAL ANALYSIS SHOULD BE PERFORMED FOR THIS ISSUE TO DETERMINE IF THE DOSES RESULTING FROM ACCIDENTS IN WHICH SERIOUS CORE DAMAGE OCCURS COULD BE LOWERED FURTHER.

RESOLUTION: PER CONSUMERS POWER COMPANY LETTER DATED NOVEMBER 7, 1983, REANALYSIS RESULTS CONFIRM THAT THE CONTROL ROOM OPERATORS WILL BE ADEQUATELY PROTECTED AGAINST THE RELEASE OF RADIOACTIVITY AND THAT THE PLANT CAN BE SAFELY OPERATED OR SHUT DOWN UNDER POSTULATED DESIGN BASIS ACCIDENT CONDITIONS.
THIS ISSUE IS CONSIDERED RESOLVED AND HAS BEEN REMOVED FROM THE RANKED LIST OF ISSUES.

REFERENCES:

GENERIC LETTER

NUREG
0737
0828

IPSAR SECTION

III.D.3.4
5.3.5.2

SEP TOPIC

VI-8

CPCO LETTERS TO NRC DATED

19DEC80
01JUN81
09JUL81
18DEC81
05FEB82
13JAN83
07NOV83

NRC LETTERS TO CPCO DATED

12AUG81
30DEC83

INTERNAL MEMOS

OTHER RELEVANT REVERENCES

BIG ROCK POINT INTEGRATED PLAN

ISSUE 57A

74157

BIG ROCK POINT INTEGRATED PLAN

TITLE: CONTROL ROOM HABITABILITY - SEAL DOORS

ISSUE NUMBER: 057A

SCORE: 6

COMMITMENT: NONE AT THIS TIME

DESCRIPTION:

ISSUE:

THE TRG DECIDED THAT ADDITIONAL ANALYSIS SHOULD BE PERFORMED FOR THIS ISSUE TO DETERMINE IF THE DOSES RESULTING FROM ACCIDENTS IN WHICH SERIOUS CORE DAMAGE OCCURS COULD BE LOWERED FURTHER.

STATUS: ENGINEERING COMPLETE. PARTS ON ORDER. EXPECTED COMPLETION BY DECEMBER 31, 1985.

RESOLUTION:

THE TRG DECIDED SEALING DOORS BETWEEN THE SERVICE AND TURBINE BUILDING MAY PROVIDE A SLIGHT DECREASE IN DOSE, REGARDLESS OF ITS COST EFFECTIVENESS.

INSTALL SEAL BETWEEN SERVICE AND TURBINE BUILDING.

REFERENCES:

GENERIC LETTER

NUREG
0737
0828

IPSAR SECTION

III.D.3.4
5.3.5.2

SEP TOPIC

VI-8

INTERNAL MEMOS

RHB 83-14
RMK 03-84

OTHER RELEVANT REVERENCES

ISSUE 57
A-NL-82-241
PROJECT 548

BIG ROCK POINT INTEGRATED PLAN

TITLE: POST ACCIDENT SAMPLING

ISSUE NUMBER: 058

SCORE: 0

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE: NUREG 0737 REQUIRES A SOPHISTICATED SAMPLING SYSTEM TO DETERMINE PRIMARY COOLANT AND CONTAINMENT CONCENTRATIONS POST-ACCIDENT.

RESOLUTION: RELY ON PRESENT SAMPLING METHOD, ACCEPTED BY NRC SER.

REFERENCES:

GENERIC LETTER

NUREG
0737 II.B.3

IPSAR SECTION

SEP TOPIC

CPCO LETTERS TO NRC DATED
31MAR81

NRC LETTERS TO CPCO DATED
14JAN83

BIG ROCK POINT INTEGRATED PLAN

TITLE: MSLB OUTSIDE CONTAINMENT

ISSUE NUMBER: 059

SCORE: 0

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE:

IMPLEMENT 2 TIER T.S. LIMIT ON IODINE. IF ABOVE THE LOWER LM=IMIT, PERIODIC SAMPLING. IF ABOVE THE UPPER LIMIT, PLANT WOULD BE SHUTDOWN. UPPER LIMIT SET BY DOSES OFF SITE FROM A MSLB OUTSIDE CONTAINMENT.

RESOLUTION: SEE L.S. ISSUE 88

REFERENCES:

GENERIC LETTER

NUREG

IPSAR SECTION

SEP TOPIC
XV-18

INTERNAL MEMOS

OTHER RELEVANT REVERENCES
ISSUE 88

BIG ROCK POINT INTEGRATED PLAN

TITLE: REVISED SECURITY PRINTS

ISSUE NUMBER: 060

SCORE: 0

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE: SECURITY PRINTS CONTAIN ERRORS WHICH CAUSE MUCH TECHNICIAN TIME WASTED.

STATUS: THIS ISSUE IS CONSIDERED TO BE A GOOD BUSINESS ISSUE, ACCORDINGLY IT WILL BE DROPPED FROM THE RANKED LIST OF ISSUES.

RESOLUTION: CORRECT SECURITY PRINTS.

REFERENCES:

INTERNAL MEMOS

OTHER RELEVANT REVERENCES
PROJECT 458

BIG ROCK POINT INTEGRATED PLAN

TITLE: EQUIPMENT IDENTIFICATION

ISSUE NUMBER: 061

SCORE: 0

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE: SYSTEMATICALLY TAG PLANT EQUIPMENT FOR EASE IN IDENTIFYING AND PROCESSING MAINTENANCE ORDERS.

STATUS: ISSUE CANCELLED AT JUNE 1985 TRG MEETING BECAUSE OF THE ESTIMATED RESOURCE REQUIRED TO COMPLETE AND THE LOW RANKING OF THE ISSUE.

RESOLUTION: TAG PLANT EQUIPMENT.

ISSUE CANCELLED.

REFERENCES:

INTERNAL MEMOS

OTHER RELEVANT REFERENCES
PROJECT 421

BIG ROCK POINT INTEGRATED PLAN

TITLE: REVISE DRAWINGS (SYSTEM CHECKSHEET VERIFICATION)

ISSUE NUMBER: 062

SCORE: 0

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE:

PRIOR COMMITMENTS MADE IN RESPONSE TO NRC IE BULLETIN 81-15 AND 79-08 CALL FOR SYSTEM DRAWINGS SHOWING VALVE LINEUPS TO COINCIDE WITH PLANT CHECK-OFF SHEETS:

RESOLUTION:

PIPING AND INSTRUMENT DIAGRAMS (PAIDS) HAVE BEEN REVISED AND NEW SYSTEMS DRAWINGS HAVE BEEN DEVELOPED TO ACCURATELY REFLECT THE CONTENT OF VALVE LINEUP CHECKSHEETS. HOWEVER, BECAUSE OF TIME LIMITATIONS, INSTRUMENT STANDARD DRAWINGS AND FIELD SKETCHES HAVE NOT BEEN REVISED. THE TRG CONSIDERED THE FACT THAT THE INSTRUMENT STANDARD DRAWINGS & FIELD SKETCHES ARE NOT USED FOR PERFORMING VALVE LINEUPS AND DETERMINED THAT REVISING THESE DRAWINGS IS UNNECESSARY.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
5.3.25.2

SEP TOPIC

CPCO LETTERS TO NRC DATED
02NOV84

NRC LETTERS TO CPCO DATED

INTERNAL MEMOS
LIC 84-10

OTHER RELEVANT REFERENCES
IEB 81-15
IEB 79-08
PROJECT 357

BIG ROCK POINT INTEGRATED PLAN

TITLE: CONTAINMENT PURGE AND VENT

ISSUE NUMBER: 063

SCORE: 8

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE:

THE DRAFT IPSAR 5.3.6.2 STATES THAT CONSUMERS POWER IS NOT LIMITING THE NUMBER OF HOURS OF VENTILATION AND THAT TEST FREQUENCY IS INSUFFICIENT. THE IPSAR ASSUMES THAT CONSUMERS POWER IS TESTING ONCE EVERY 18 MONTHS.

STATUS: DEBRIS SCREENS INSTALLED MAY 28, 1985 AND DECLARED OPERABLE MAY 30, 1985. NRC LETTER DATED MAY 24, 1985 APPROVED THIS RESOLUTION.

RESOLUTION:

THE TRG CONFIRMS THE PREVIOUS CONSUMERS POWER COMPANY POSITION REGARDING SURVEILLANCE TESTING OF CONTAINMENT PURGE ISOLATION VALVES, AS PRESENTED IN CONSUMERS POWER TO NRC LETTERS DATED 10/24/80 04/20/79, 5/26/81, 11/19/82, AND 6/1/83. ACCORDINGLY, 6 MONTH TEST INTERVAL IN ACCORDANCE WITH TECHNICAL SPECIFICATIONS SECTION 3.7(A) IS ADEQUATE. INSTALL DEBRIS SCREENS.

REFERENCES:

GENERIC LETTER
B-24

NUREG
0828, MAY 84

IPSAR SECTION
5.3.6.2

SEP TOPIC

CPCO LETTERS TO NRC DATED

24OCT80
20APR79
26MAY81
19NOV82
01JUN83
02FEB84
17DEC79
20APR81
04AUG80
02NOV84

NRC LETTERS TO CPCO DATED

28JUN83
14SEP82
27SEP79
25OCT79
24NOV79
24NOV81
08OCT80
24MAY85

BIG ROCK POINT INTEGRATED PLAN

INTERNAL MEMOS
WITH 17-80

OTHER RELEVANT REVERENCES

A-NL-83-069

SEC 80-015

SEC 80-016

BIG ROCK POINT INTEGRATED PLAN

TITLE: CONTAINMENT ILRT

ISSUE NUMBER: 064

SCORE: 12

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE:

IPSAR (NUREG 0828) SECTION 5.3.6.1 STATES THAT, CONTRARY TO 10CFR50, APPENDIX J, THE LICENSEE HAS CONDUCTED LOCAL LEAK RATE TEST PRIOR TO THE TYPE A TEST AND HAS MADE NECESSARY REPAIRS OR ADJUSTMENTS AS A RESULT OF THE ILRTS.

RESOLUTION:

NRC LETTER DATED JULY 29, 1983 PROVIDED AN EXEMPTION FROM SECTION III, A.6(B) OF APPENDIX J TO 10CFR50.
THIS ISSUE IS CONSIDERED RESOLVED AND HAS BEEN REMOVED FROM THE RANKED LIST OF ISSUES.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
5.3.6.1

SEP TOPIC

CPCO LETTERS TO NRC DATED

NRC LETTERS TO CPCO DATED
29JUL83
27FEB84

INTERNAL MEMOS
RMK 03-84
FT 84-04

OTHER RELEVANT REVERENCES

BIG ROCK POINT INTEGRATED PLAN

TITLE: TEST CARD READER

ISSUE NUMBER: 065

SCORE: 0

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE:

FACILITATE I&C TECHNICIAN TESTING CAPABILITY OF CARD READERS.

STATUS: BECAUSE OF THE LOW RANKING THE ISSUE WILL BE DROPPED FROM THE LIST OF ISSUES.

STATUS: BECAUSE OF THE LOW RANKING, THE ISSUE WILL BE DROPPED FROM THE LIST OF ISSUES.

RESOLUTION:

INSTALL CONDUIT, WIRES, AND TEST BOXES TO ENABLE SIGNAL ROUTING FROM SECURITY DOOR #7 TO NORTH WALL OF I&C LAB.

CANCELLED.

REFERENCES:

INTERNAL MEMOS

OTHER RELEVANT REVERENCES

FC-562
PROJECT 445

BIG ROCK POINT INTEGRATED PLAN

TITLE: RADWASTE MONITOR FLUSH TIMER

ISSUE NUMBER: 066

SCORE: 2

COMMITMENT: CONSUMERS POWER HAS COMMITTED TO COMPLETE THE WORK ON THIS ISSUE, AS DESCRIBED BELOW, BY 31DEC87.

DESCRIPTION:

ISSUE: MEMBERS OF THE PLANT STAFF RECOGNIZE THE NEED TO REDUCE FLOW INTO THE RADWASTE SYSTEM CAUSED BY UNATTENDED FLUSHING OF THE RADWASTE RADIATION MONITOR.

STATUS: COMPLETION EXPECTED BY COMMITMENT DATE.

RESOLUTION: THE PROPOSED RESOLUTION IS TO ADD AN AUTOMATIC TIMER AND VALVE CONTROLS TO REDUCE THE CHANGE OF EXCESSIVE WATER GOING TO RADWASTE FOR PROCESSING

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
5.3.23

SEP TOPIC

CPCO LETTERS TO NRC DATED
02FEB84

NRC LETTERS TO CPCO DATED

INTERNAL MEMOS

OTHER RELEVANT REVERENCES
FC-540
PROJECT 339

BIG ROCK POINT INTEGRATED PLAN

TITLE: ISOLATION OF RPS FROM NONSAFETY SYSTEMS

ISSUE NUMBER: 067

SCORE: 8

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE: NON QUALIFIED ISOLATION EXISTS BETWEEN RPS AND RPS POWER SUPPLIES (M-G SETS). AN OVERVOLTAGE OR OVERFREQUENCY CONDITION SHOULD CAUSE SCRAM VALVES TO OVERHEAT AND FAIL TO SCRAM UPON SCRAM SIGNAL.

RESOLUTION: DECREASE SETPOINT OF EXISTING M-G SET OVERVOLTAGE PROTECTION AND M-G SET OUTPUT TO VALVES WITHIN RATINGS OF SCRAM SOLENOID COILS. ALSO, VERIFY THAT M-G SET MOTOR THERMAL OVERLOAD CAN BE ADEQUATELY DETECTED.

REFERENCES:

GENERIC LETTER

NUREG

IPSAR SECTION
4.22

SEP TOPIC
VII-1.A

BIG ROCK POINT INTEGRATED PLAN

TITLE: DC SYSTEM MONITORING

ISSUE NUMBER: 068

SCORE: 0

COMMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE:

NRC CONCERN - 125 VDC STATION BATTERY CELL-TO-CELL CONNECTIONS AND TERMINALS COULD DEVELOP A SIGNIFICANT RESISTANCE AND RESULT IN VOLTAGE AND CURRENT REDUCTIONS WHENEVER BATTERY IS CALLED UPON TO CARRY PLANT LOAD.

RESOLUTION:

PROCEDURES ARE ALREADY MODIFIED TO CHECK BATTERY CURRENT AND VOLTAGE OUT PUT MONTHLY DURING CHARGER TRANSFER.

REFERENCES:

GENERIC LETTER

NUREG

IPSAR SECTION
4.23

SEP TOPIC
VIII-3.B

BIG ROCK POINT INTEGRATED PLAN

TITLE: ACID AND CAUSTIC TANK PROBLEMS

ISSUE NUMBER: 069

SCORE: 11

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE: CHEMICAL SPILLS MAY RESULT FROM CORROSION OF COMPONENTS IN THE WATER TREATMENT FACILITY.

STATUS: CORRODED COMPONENTS HAVE BEEN REPLACED WITH CORROSION RESISTANT COMPONENTS, OR NEW COMPONENTS, REMOVED SLUDGE FROM ACID TANK AND ROUTED NEW ACID LINE FROM THE MAKEUP SYSTEM.

RESOLUTION: THE TRG HAS ELECTED TO REPLACE CORRODED COMPONENTS IN THE FACILITY WHICH USE STRONG CAUSTIC AND ACID SOLUTIONS.

REFERENCES:

GENERIC LETTER

**NUREG
0828, MAY 84**

**IPSAR SECTION
5.3.9.3**

SEP TOPIC

CPCO LETTERS TO NRC DATED

01JUN83
02FEB84
14AUG84

NRC LETTERS TO CPCO DATED

INTERNAL MEMOS

CEA 83-07
GLF 82-05

**OTHER RELEVANT REFERENCES
A-BRP-82-15**

BIG ROCK POINT INTEGRATED PLAN

TITLE: EMERGENCY DG PANEL VENTILATION

ISSUE NUMBER: 070

SCORE: 4

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE: THE NEED TO IMPROVE ROOM TEMPERATURE CONTROL IN THE EMERGENCY DIESEL GENERATOR ROOM WAS
RECOGNIZED BY THE PLANT STAFF.

RESOLUTION: AN AUTOMATIC EXHAUST FAN, INSULATION AROUND THE MUFFLER, AND NEW AIR INTAKE LOUVERS HAVE BEEN
INSTALLED AND ARE OPERABLE.
THIS ISSUE IS CONSIDERED RESOLVED AND HAS BEEN REMOVED FROM THE RANKED LIST OF ISSUES.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
4.26.2

SEP TOPIC
IX-5

INTERNAL MEMOS

OTHER RELEVANT REFERENCES
PROJECT 371
ACS 80-118
A-NL-82-239

BIG ROCK POINT INTEGRATED PLAN

TITLE: CHANGE PIPING IN CHEM LAB HOT HOOD

ISSUE NUMBER: 071

SCORE: 0

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE: CHANGE PIPING IN CHEM LAB "HOT" HOOD TO ELIMINATE LEAKING.

STATUS: ISSUE CANCELLED BECAUSE PIPING IS NOT NEEDED.

RESOLUTION: REQUEST CANCELLATION OF PROJECT.

ISSUE CANCELLED.

REFERENCES:

INTERNAL MEMOS
TS 83-03

OTHER RELEVANT REVERENCES
PROJECT 457

BIG ROCK POINT INTEGRATED PLAN

TITLE: FACILITY MODIFICATIONS - WAREHOUSE

ISSUE NUMBER: 072

SCORE: 12

COMMITMENT: CONSUMERS POWER HAS COMMITTED TO COMPLETE THE WORK ON THIS ISSUE, AS DESCRIBED BELOW, BY 30SEP85.

DESCRIPTION:

ISSUE: EXPAND THE "Q" WAREHOUSE FACILITIES (QA AUDIT FINDING) ORIGINAL ISSUE INCLUDED ANNEX MODIFICATIONS BUT THAT PORTION WAS CANCELLED.

STATUS: AN OFFICE ANNEX IS TO BE IN PLACE LATER IN 1985 WHICH WILL ALLEVIATE THE PERSONNEL HAZARD CONSIDERATION OF THE PRESENT OFFICE WAREHOUSE BUILDING. WHEN COMPLETE, TRG WILL RERANK THE WAREHOUSE ISSUE RESOLUTION.

RESOLUTION: THE LICENSEE HAS PROPOSED A PROJECT TO IMPROVE STOCK STORAGE FOR QUALIFIED EQUIPMENT. NOTE: WAREHOUSE MODIFICATION IS PRESENTLY ON HOLD DUE TO BUDGET RESTRAINTS. AN OFFICE ANNEX IS TO BE IN PLACE LATER IN 1985 WHICH WILL ALLEVIATE THE PERSONNEL HAZARD CONSIDERATION OF THE PRESENT OFFICE WAREHOUSE BUILDING. WHEN COMPLETE, TRG WILL RERANK THE WAREHOUSE ISSUE RESOLUTION.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
5.3.12

SEP TOPIC

CPCO LETTERS TO NRC DATED

01JUN83
12FEB84
14AUG84

NRC LETTERS TO CPCO DATED

INTERNAL MEMOS

OTHER RELEVANT REFERENCES

IEIR 83-04
PROJECT 470
D-QG-83-55

BIG ROCK POINT INTEGRATED PLAN

TITLE: CONTROL OF HEAVY LOADS

ISSUE NUMBER: 073

SCORE: 4

COMMITMENT: NONE AT THIS TIME.

DESCRIPTION:

ISSUE:

THE NRC STAFF MAY REQUIRE CERTAIN MODIFICATIONS BE PERFORMED IN ORDER TO ENSURE SAFE HANDLING OF HEAVY LOADS. ONE POTENTIAL MODIFICATION WAS THE INSTALLATION OF INTERLOCKS TO PREVENT THE CONTAINMENT CRANE FROM PASSING OVER CERTAIN AREAS.

STATUS: NRC GENERIC LETTER 85-11 STATES PHASE II OF CONTROL OF HEAVY LOADS IS COMPLETE. TRG WILL REEVALUATE COMPLETION OF ANY PREVIOUSLY IDENTIFIED ACTIONS.

RESOLUTION:

THE TRG HAS DECIDED TO COMPLETE WORK ON DETERMINING THE COST EFFECTIVENESS OF THE PROPOSED MODIFICATIONS TO THE CONTAINMENT CRANE. ADMINISTRATIVE CONTROLS (IE, PROCEDURE REVISIONS) HAVE BEEN COMPLETED (SEE CONSUMERS POWER LETTER DATED 1/18/84). SCHEDULE TO BE ESTABLISHED UPON ISSUANCE OF NRC PHASE II GUIDANCE.

REFERENCES:

GENERIC LETTER
81-07
85-11

NUREG
0828, MAY 84
0612

IP SAR SECTION
5.3.20

SEP TOPIC

CPCO LETTERS TO NRC DATED
19OCT79
07JAN80
08MAY81
10JUN81
01JUL81
02SEP81
15JUL83
18JUL83
18JAN84

NRC LETTERS TO CPCO DATED
03FEB81
04FEB74
30JUN75
06FEB76
28JUL76
17MAY78
17AUG79
21JUL82
19DEC83

BIG ROCK POINT INTEGRATED PLAN

13APR84

INTERNAL MEMOS
RMK 03-84

09MAY84

OTHER RELEVANT REVERENCES
A-NL-85-34
PROJECT 641

BIG ROCK POINT INTEGRATED PLAN

TITLE: REACTOR COOLANT SYSTEM-HIGH POINT VENTS

ISSUE NUMBER: 074

SCORE: 10

COMMITMENT: CONSUMERS POWER HAS COMMITTED TO COMPLETE THE WORK ON THIS ISSUE, AS DESCRIBED BELOW, BY THE END OF THE 1985 REFUELING OUTAGE

DESCRIPTION:

ISSUE:

IPSAR (NUREG 0828) SECTION 5.3.26, THE NRC CONCLUDED THAT MODIFICATIONS TO PLACE THE HIGH-POINT VENTS IN OPERATION ARE NOT WARRANTED. THE EXISTING HIGH-POINT VENTS POSSIBLY ADD TO THE OVERALL SEISMIC RISK OF THE PLANT AND SHOULD BE REMOVED.

STATUS: NRC APPROVAL OF HIGH POINT VENTS EXEMPTION RECEIVED AND THEY ARE SCHEDULED TO BE REMOVED DURING 1985 REFUELING OUTAGE.

RESOLUTION:

THE TRG HAS DETERMINED THAT THE HIGH POINT VENTS SHOULD BE REMOVED. THE SYSTEM IS UNNECESSARY SINCE: 1. THE RDS CAN BE USED TO VENT THE PRESSURE VESSEL, 2. THE LIKELIHOOD OF CORE UNCOVERY IS SMALL, AND 3. THE COST OF SEISMICALLY QUALIFYING THE VENTS IS HIGH. PENDING NRC APPROVAL HIGH POINT VENTS ARE SCHEDULED TO BE REMOVED DURING 1985 REFUELING OUTAGE.

REFERENCES:

GENERIC LETTER

NUREG
0737 II.B.1
0828, MAY 84

IPSAR SECTION
5.3.26

SEP TOPIC

CPCO LETTERS TO NRC DATED

02FEB84
02MAY84
01JUL82
19APR83
27DEC79
19DEC80
09JUL81
05FEB82

NRC LETTERS TO CPCO DATED

13SEP79
30OCT79
20MAY80
15SEP81
12AUG83
17JUL85

BIG ROCK POINT INTEGRATED PLAN

INTERNAL MEMOS
RMK 03-84

OTHER RELEVANT REVERENCES
PROJECT 296

BIG ROCK POINT INTEGRATED PLAN

TITLE: CONTAINMENT HIGH RANGE MONITOR

ISSUE NUMBER: 076

SCORE: 7

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE:

NUREG-0737, ITEM II.F.1.3 IDENTIFIED SPECIFIC REQUIREMENTS FOR CONTAINMENT HIGH RANGE MONITOR. THE LICENSEE IS ATTEMPTING TO OBTAIN A CALIBRATION SOURCE THAT IS LARGE ENOUGH AND THAT CAN BE HANDLED SAFELY.

RESOLUTION:

THE CONTAINMENT HIGH RANGE MONITOR IS OPERABLE AND A METHOD FOR CALIBRATING THIS MONITOR HAS BEEN IMPLEMENTED.
THIS ISSUE IS CONSIDERED RESOLVED AND HAS BEEN REMOVED FROM THE RANKED LIST OF ISSUES.

REFERENCES:

GENERIC LETTER

NUREG
0737II.F.1.3
0828, MAY 84

IPSAR SECTION
5.3.11.2
5.4.3

SEP TOPIC

CPCO LETTERS TO NRC DATED
31MAR81
08MAR82

NRC LETTERS TO CPCO DATED
12AUG81
18OCT82

BIG ROCK POINT INTEGRATED PLAN

TITLE: INVESTIGATE INCORE AVAILABILITY PROBLEM

ISSUE NUMBER: 077

SCORE: 12

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE: SEE ISSUE 77A. REMOVE INCORE DETECTORS.

RESOLUTION: REVISE PROCEDURES & THE TECHNICAL SPECIFICATIONS TO DELETE REFERENCES TO THE IN-CORE DETECTORS

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
5.3.13

SEP TOPIC

CPCO LETTERS TO NRC DATED

01JUN83
02FEB84
02MAY84
14AUG84
20FEB85

NRC LETTERS TO CPCO DATED
12JUN85
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INTERNAL MEMOS

JRT 83-02
JRK 83-47
JAU 65-83

OTHER RELEVANT REVERENCES

A-BRP-83-21
A-BRP-83-06
PROJECT 429

BIG ROCK POINT INTEGRATED PLAN

TITLE: INVESTIGATE INCORE AVAILABILITY PROBLEM

ISSUE NUMBER: 077A

SCORE: 12

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE:

STATUS: WITH NRC APPROVAL GRANTED, INCORE DETECTORS WILL BE LEFT IN TECHNICAL SPECIFICATIONS AND FLUX WIRES WILL NOT BE ADDED. AS A RESULT, THIS ISSUE HAS BEEN CANCELLED.

RESOLUTION: REVISE TECH SPECS AND PROCEDURES TO REMOVE INCORES REFERENCE AND SUBMIT TECHNICAL SPECIFICATION CHANGE REQUEST BY FEBRUARY 20, 1985. FLUX WIRES HAVE BECOME THE PRIMARY SOURCE OF ANALYTICAL VERIFICATION OF LOCAL FLUX PREDICTIONS DURING POWER OPERATION.

ISSUE CANCELLED.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
5.3.13

SEP TOPIC

CPCO LETTERS TO NRC DATED

02FEB84
02MAY84
14AUG84
20FEB85

NRC LETTERS TO CPCO DATED
12JUN85

BIG ROCK POINT INTEGRATED PLAN

TITLE: CLEANUP SYSTEM DRAIN LINE

ISSUE NUMBER: 078

SCORE: 0

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE: CLEAN UP SYSTEM DRAIN LINE-PURCHASE MATERIAL AND PUT TOGETHER PACKAGE FOR INSTALLATION OF A
CLEANUP SYSTEM DRAIN.
NO IDENTIFIED NEED FOR THE MODIFICATION.

RESOLUTION: CANCEL PROJECT.

REFERENCES:

INTERNAL MEMOS

OTHER RELEVANT REVERENCES
PROJECT 263

BIG ROCK POINT INTEGRATED PLAN

TITLE: CONTROL ROD MISOPERATION

ISSUE NUMBER: 079

SCORE: 0

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE: CONTROL ROD MISOPERATION-STUDY THE EFFECT (USING NRC APPROVED GROK COMPUTER PROGRAM) OF A SINGLE CONTROL ROD WITHDRAWAL ON BRP REACTOR.

RESOLUTION: CLOSED - 95% CONFIDENCE THAT NO FUEL FAILS - STUDY COMPLETED.

REFERENCES:

GENERIC LETTER

NUREG

IPSAR SECTION
4.27

SEP TOPIC
XV-8

INTERNAL MEMOS

OTHER RELEVANT REFERENCES
SEP TOPIC XV-8

BIG ROCK POINT INTEGRATED PLAN

TITLE: PERFORMANCE OF BWR SAFETY VALVES.

ISSUE NUMBER: 080

SCORE: 6

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE: AS A RESULT OF NRC REGULATION, THE SAFETY VALVE VENDOR HAS IDENTIFIED A NEED TO OPTIMIZE THE PERFORMANCE OF THE SIX STEAM DRUM SAFETY-RELIEF VALVES.

RESOLUTION: PER THE T-3 RESOLUTION, SPRING COMPONENTS RECOMMENDED BY THE VENDOR HAVE BEEN INSTALLED IN THE SAFETY VALVES.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
5.4.9

SEP TOPIC

INTERNAL MEMOS
WDB 83-19

OTHER RELEVANT REVERENCES
D-NL-82-81

BIG ROCK POINT INTEGRATED PLAN

TITLE: POSITION INDICATION OF PORV'S

ISSUE NUMBER: 081

SCORE: 0

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE: THE NRC STAFF REQUIRES (NUREG-0737, ITEM II.D.3) DIRECT INDICATION OF PORV POSITION.

RESOLUTION: THE TRG CONCLUDED THAT INSTALLATION OF SUCH A SYSTEM IS UNWARRANTED. DRAFT IPSAR (NUREG 0828) SECTION 5.3.1.4 ALSO CONCLUDES THAT NO FURTHER ACTION IS NECESSARY.

REFERENCES:

GENERIC LETTER

NUREG
0737 II.D.3
0828, MAY 84

IPSAR SECTION

5.3.1.4

SEP TOPIC

CPCO LETTERS TO NRC DATED

NRC LETTERS TO CPCO DATED
30OCT79

BIG ROCK POINT INTEGRATED PLAN

TITLE: RDS DEPRESSURIZATION PILOT VALVE LEAKAGE

ISSUE NUMBER: 082

SCORE: 29

COMMITMENT: NONE AT THIS TIME.

DESCRIPTION:

ISSUE: RDS PILOT VALVE LEAKAGE CAN LEAD TO PREMATURE OPENING AND DELAYED RESEATING OF THE PILOT-OPERATED VALVES. AS A RESULT OF SPURIOUS OPENING OF THE RDS, IT MAY BE NECESSARY TO COMPLETELY DEPRESSURIZE THE REACTOR. A STUDY WAS COMPLETED IN ORDER TO DETERMINE A SUITABLE PLAN FOR MODIFICATION OR PROCEDURE REVISION.

STATUS: RECENT INSPECTION OF A PILOT ASSEMBLY HAS REVEALED AN ACCUMULATOIN OF GRIT AT THE STEAM PATH BETWEEN THE VALVE TOP AND THE PILOT VALVE. BECAUSE INSPECTION OF THE MAIN VALVE BODIES HAVE FOUND NO GRIT IN THE TOP ASSEMBLY IS SUSPECTED TO BE THE SOURCE OF THE GRIT PROBLEM. THE VALVE VENDOR HAS BEEN CONTACTED FOR RECOMMENDATIONS ON REPLACING THE EXISTING VALVE TOPS WITH A NONCORROSIVE MATERIAL. VENDORRECOMMENDATIONS WILL BE EVAL FOR IMPLEMEN.

RESOLUTION: AN EVALUATE BASED ON THE MANUFACTURERS PROPOSAL FOR MODIFICATION OF THE PILOT VALVES DETERMINED THE PROPOSAL WOULD NOT ALLEVIATE THE PROBLEM. RECENT INSPECTIN OF A PILOT ASSEMBLY HAS REVEALED AN ACCUMULATION OF GRIT AT THE STEAM PATH BETWEEN THE VALVE TOP AND THE PILOT VALVE. BECAUSE INSPECTION OF THE MAIN VALVE BODIES HAVE FOUND NO GRIT IN THE TOP ASSEMBLY IS SUSPECTED TO BE THE SOURCE OF THE GRIT PROBLEM. INVESTIGATIONS WILL CONTINUE WITH COMPLETION OF PILOT VALVE LEAKAGE EVALUATION BY JUNE 31, 1985.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
5.3.1.1

SEP TOPIC

CPCO LETTERS TO NRC DATED

02FEB84
02MAY84
26NOV84
11FEB85

NRC LETTERS TO CPCO DATED
18DEC84

INTERNAL MEMOS

DPH 84-71
CRA 84-07
DPB 83-06
RMK 03-84

OTHER RELEVANT REVERENCES

D-BRP-84-19
D-BRP-84-21
D-BRP-83-89
A-BRP-81-07

BIG ROCK POINT INTEGRATED PLAN

FT 85-02

PRC MEETINGS 33-84, 22-84, 7-84
PROJECT 489

BIG ROCK POINT INTEGRATED PLAN

TITLE: FULL STROKE TESTING OF REACTOR DEPRESSURIZATION VALVES

ISSUE NUMBER: 083

SCORE: 5

COMMITMENT: NONE AT THIS TIME.

DESCRIPTION:

ISSUE:

THE PLANT STAFF FEELS THAT PARTIAL STROKE TESTING OF THE REACTOR DEPRESSURIZATION SYSTEM DEPRESSURIZATION VALVES MAY NOT ADEQUATELY VERIFY OPERABILITY OF THE SYSTEM. THE PRESENT TEST ONLY VERIFIES A FRACTION OF TOTAL STROKE.

INVESTIGATION OF METHODS TO FULL STROKE TEST THE VALVES AND SUITABILITY OF PRESENT TESTING ARE CONTINUING. DURING 1985 REFUELING OUTAGE ONE TARGET ROCK VALVE IS TO BE REMOVED AND SENT TO A VENDOR FOR REFURBISHMENT AND FULL STROKE TESTING. THE RESULTS AND EXPERIENCE GAINED WILL BE EVALUATED FOR TECHNICAL SPECIFICATION CHANGES TO INCORPORATE ROUTINE FULL STROKE SURVEILLANCE TESTING.

RESOLUTION:

THE TRG ELECTED TO PERFORM AN EVALUATION TO DETERMINE SUITABILITY OF THE PRESENT TEST OR NEED FOR IMPROVEMENT.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
5.3.1.3

SEP TOPIC

CPCO LETTERS TO NRC DATED
02FEB84
26NOV84

NRC LETTERS TO CPCO DATED
18DEC84

INTERNAL MEMOS
FT 85-08

OTHER RELEVANT REFERENCES
PROJECT 220

BIG ROCK POINT INTEGRATED PLAN

TITLE: SCRAM DUMP TANK VALVES - LACK OF REDUNDANCY (STUDY)

ISSUE NUMBER: 084

SCORE: 14

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE:

THE PLANT STAFF RECOGNIZES THE NEED TO EVALUATE THE POTENTIAL FOR A LOCA DUE TO SINGLE FAILURE I IN THE SCRAM DUMP TANK VENT & DRAIN INSULATION SYSTEM. ALTHOUGH NO SCRAM DUMP TANK VALVE FAILURE HAVE OCCURRED AT BIG ROCK POINT, THE SYSTEM IS CHALLENGED DURING EACH SCRAM. A LOCA WOULD BE LIMITED TO LEAKAGE FLOW THROUGH THE CONTROL ROD DRIVES BUT WOULD NOT BE EASILY ISOLATED.

RESOLUTION:

AN EVALUATION WAS PERFORMED AND PRESENTED TO THE TRG WHICH:
1. DETERMINED THE RISK OF A LOCA DUE TO THIS EVENT.
2. DETERMINED POSSIBLE SOLUTIONS.
THIS ISSUE IS FURTHER ADDRESSED IN ISSUE 84A.

REFERENCES:

GENERIC LETTER
81-18

NUREG
0828, MAY 84

IPSAR SECTION
5.3.8.2

SEP TOPIC

CPCO LETTERS TO NRC DATED
02NOV81
22MAY81
31JUL80
27OCT80
26JAN81

NRC LETTERS TO CPCO DATED

INTERNAL MEMOS
HGB 84-02

OTHER RELEVANT REFERENCES
IEB 80-14
IEB 80-17
A-BRP-83-18

BIG ROCK POINT INTEGRATED PLAN

TITLE: SCRAM DUMP TANK REDUNDANT VALVES

ISSUE NUMBER: 084A

SCORE: 14

COMMITMENT: NONE AT THIS TIME

DESCRIPTION:

ISSUE: REDUCE THE RISK OF A LOCA DUE TO A SINGLE FAILURE IN THE SCRAM DUMP TANK VENT AND DRAIN ISOLATION SYSTEM.

STATUS: NO SCHEDULE DEVELOPED TO INSTALL REDUNDANT VALVES. DELIVERY LEAD TIME IS 20 TO 24 WEEKS. TRG IS REANALYZING COST BENEFIT BASED ON QUOTE TO DETERMINE IF PROJECT SHOULD BE CONTINUED. EXPECTED TO BE COMPLETED DURING 1986 REFUELING OUTAGE.

RESOLUTION: ADD DOUBLE ISOLATION TO SCRAM DUMP TANK VENT LINE AND DRAIN LINE.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
5.3.8.2

SEP TOPIC

INTERNAL MEMOS
HGB 84-02

OTHER RELEVANT REFERENCES
ISSUE 84
PROJECT 487

BIG ROCK POINT INTEGRATED PLAN

TITLE: CONTAIN OVERPRESSURE - NITROGEN SUPPLY TO RDS ISOLATION VALVES

ISSUE NUMBER: 085

SCORE: 14

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE:

THE PLANT STAFF RECOGNIZES A NEED TO RESOLVE LER81-016 "CONTAINMENT PRESSURIZATION". LEAKAGE OF INSTRUMENT AND/OR SERVICE AIR INTO CONTAINMENT HAS THE POTENTIAL TO CAUSE OVERPRESSURIZATION OF THE CONTAINMENT DURING ISOLATION CONDITIONS.

STATUS: WORK COMPLETED DURING OUTAGE OF JANUARY1, 1985.

RESOLUTION:

THE TRG ELECTED TO EVALUATE ACCIDENT SEQUENCES TO DETERMINE IF OTHER COMPLICATIONS MUST BE ADDRESSED (IE, PROVIDE BACKUP COMPRESSED GAS SUPPLY FOR THE RDS ISOLATION VALVES). WORK COMPLETED DURING OUTAGE OF JANUARY 1, 1985.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
5.3.1.1

SEP TOPIC

CPCO LETTERS TO NRC DATED

02FEB84
02MAY84
14AUG84
26AUG81

NRC LETTERS TO CPCO DATED

OTHER RELEVANT REVERENCES
FC-572A AND FC-572B
LER 81-016

INTERNAL MEMOS

BIG ROCK POINT INTEGRATED PLAN

TITLE: BYPASS OF MOV THERMAL OVERLOADS

ISSUE NUMBER: 086

SCORE: 7

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE:

THE NRC IS CONCERNED THAT MOTOR-OPERATED VALVE FAILURES MAY RESULT FROM INTERMITTENT THERMAL OVERLOAD PROTECTION INTERRUPTION.

RESOLUTION:

THE TRG ELECTED TO INSTALL KEY SWITCHES AND ADMINISTRATIVE CONTROLS TO ENSURE THAT THE THERMAL OVERLOAD PROTECTION FOR SIX SAFETY-RELATED MOVs IS BYPASSED DURING ALL PHASES OF PLANT OPERATION EXCEPT WHEN THE VALVES ARE SUBJECT TO TESTING OR MAINTENANCE.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
4.15

SEP TOPIC
III-10.A

CPCO LETTERS TO NRC DATED
02FEB84
14AUG84

NRC LETTERS TO CPCO DATED

BIG ROCK POINT INTEGRATED PLAN

TITLE: PIPE BREAK OUTSIDE OF CONTAINMENT

ISSUE NUMBER: 087

SCORE: 11

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE:

THE ISSUE IS A RESULT OF SEP TOPIC III.5B AND IPSAR NUREG (0828) SECTION 4.11. A PIPE BREAK IN THE SCREENHOUSE MAY RESULT IN A FLOOD, DISABLING DEMINERALIZER FILL PUMPS, FIRE PUMPS AND WELL WATER PUMPS. THIS WOULD LEAVE NO MEANS OF SUPPLYING MAKEUP WATER TO THE EMERGENCY CONDENSER & EVENTUALLY (4 HOURS LATER) WATER IN THE EMERGENCY CONDENSER WOULD BOIL OFF TO A LEVEL BELOW THE TUBES.

STATUS: ISSUE COMPLETED AS PER RESOLUTION.

RESOLUTION:

THE TRO HAS DETERMINED THAT AN EMERGENCY OPERATING PROCEDURE SHOULD BE WRITTEN INSTRUCTING THE OPERATORS TO PHONE THE FIRE DEPARTMENT IN ORDER TO FILL THE DEMINERALIZER TANK IF SUCH AN EVENT WOULD OCCUR. A COST BENEFIT ANALYSIS WILL BE PERFORMED TO EXAMINE POSSIBLE MODIFICATIONS WHICH WOULD PROVIDE A SOURCE OF EMERGENCY CONDENSER MAKE-UP IN THE EVENT OF SCREENHOUSE FLOODING. ISSUE COMPLETED AS PER RESOLUTION IN JANUARY 1985.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
4.11

SEP TOPIC
III-5.B

BIG ROCK POINT INTEGRATED PLAN

TITLE: MLSB OUTSIDE CONTAINMENT - RADIOLOGICAL CONSEQUENCES

ISSUE NUMBER: 088

SCORE: 0

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE:

IPSAR (NUREG 0828) SECTION 4.28, SEP TOPIC XV-18, RADIOLOGICAL CONSEQUENCES OF THE MAIN STEAM LINE FAILURE OUTSIDE CONTAINMENT, RECOMMENDS: 1) MAINTAINING THE PRIMARY COOLANT ACTIVITY WITHIN STANDARD TECHNICAL SPECIFICATION LIMITS FOR DOSE EQUIVALENT IODINE-131 AND 2) PROVIDING A BASIS FOR PLANT-SPECIFIC ACTION STATEMENTS SHOULD THE LIMITS BE EXCEEDED.

RESOLUTION:

TECHNICAL SPECIFICATIONS CHANGE REQUEST DATED 12/16/83 HAS BEEN SUBMITTED AND AMENDMENT 68, DATED 1/4/84, HAS BEEN ISSUED.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
4.28

SEP TOPIC
XV-18

CPCO LETTERS TO NRC DATED
16DEC83

NRC LETTERS TO CPCO DATED
04JAN84

INTERNAL MEMOS

OTHER RELEVANT REFERENCES
A-NL-83-084

BIG ROCK POINT INTEGRATED PLAN

TITLE: RCPB LEAKAGE DETECTION

ISSUE NUMBER: 089

SCORE: 8

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE:

CURRENT LEAK DETECTION EQUIPMENT IS NOT SEISMICALLY QUALIFIED. THEREFORE, A SEISMIC EVENT MAY LEAVE THE PLANT WITHOUT ADEQUATE LEAK DETECTION CAPABILITIES. LEAKAGE IN AREAS OF PIPE BREAKS COULD RESULT IN DAMAGE TO OTHER SAFETY RELATED EQUIPMENT.

RESOLUTION:

EMERGENCY OPERATING PROCEDURES (EMP 3.7) WERE REVISED TO REQUIRE A LEAK TEST IN THE EVENT OF A CONFIRMED SEISMIC EVENT. BIG ROCK POINT PLANT WILL BE SHUT DOWN UNTIL SUCH TIME THAT THE EQUIPMENT CAN BE RETURNED TO SERVICE.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
4.16

SEP TOPIC
V-5

CPCO LETTERS TO NRC DATED
02FEB84
25MAY83

NRC LETTERS TO CPCO DATED

INTERNAL MEMOS
LLC 84-46

OTHER RELEVANT REVERENCES

BIG ROCK POINT INTEGRATED PLAN

TITLE: CLASSIFICATION OF STRUCTURES, SYSTEMS AND COMPONENTS

ISSUE NUMBER: 090

SCORE: 11

COMMITMENT: CONSUMERS POWER HAS COMMITTED TO COMPLETE THE WORK ON THIS ISSUE, AS DESCRIBED BELOW, BY 30APR86.

DESCRIPTION:

ISSUE:

IPSAR (NUREG 0828) SECTION 4.4, SEP TOPIC III-1 REQUIRED:

1. PERFORMANCE OF SAMPLE ANALYSES TO CONFIRM ADEQUATE MARGINAL SAFETY FOR PIPING FATIGUE.
2. PERFORMANCE OF SAMPEL ANALYSES TO CONFIRM ADEQUATE MARGIN OF SAFETY FOR VESSEL FATIGUE.

STATUS: AN ANALYSIS OF A SELECTED PIPING SYSTEM WILL BE COMPLETED BY MID-DECEMBER 1985. AN ANALYSIS OF A SELECTED PRESSURE VESSEL WILL BE COMPLETED BY END OF APRIL 1986. RESULTS ON ANALYSES WILL BE SUBMITTED TO NRC.

RESOLUTION:

THE TRG HAS ELECTED TO:

1. SEPARATE SEISMIC LOADS FROM FATIGUE LOADS.
2. SELECT A SYSTEM WITH EITHER THERMAL OR MECHANICAL FATIGUE INPUT (PREFERABLY A SAFETY SYSTEM).
3. ANALYZE THE SELECTED SYSTEM ACCORDING TO FRANKLIN RESEARCH CENTER METHODS.

REFERENCES:

GENERIC LETTER

CPCO LETTERS TO NRC DATED

02FEB84
31MAY85
14JUN85

INTERNAL MEMOS

JLK 84-02
JENK 90-83

NUREG

0828, MAY 84

IPSAR SECTION

4.4

SEP TOPIC

III-1

NRC LETTERS TO CPCO DATED

16APR82
.
.

OTHER RELEVANT REVERENCES

A-BRP-83-28
A-BRP-84-31
PROJECT 643

BIG ROCK POINT INTEGRATED PLAN

TITLE: CONTAINMENT ISOLATION - POST LOCA SYSTEM WALKDOWNS

ISSUE NUMBER: 091

SCOPE: 5

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE:

IPSAR(NUREG0828) SECTIONS 4.20.2, 4.20.3 AND 4.20.4 STATE: THE NRC STAFF RECOMMENDED DEVELOPMENT OF APPROPRIATE PROCEDURES TO DESCRIBE THE CONDITIONS UNDER WHICH CONTAINMENT ISOLATION INSTRUMENT LINES, LOCAL MANUAL VALVES ON SAFETY SYSTEMS AND LOCAL MANUAL VALVES ON NONSAFETY SYSTEMS ARE TO BE ISOLATED.

RESOLUTION:

THE TRG DETERMINED THAT AN EMERGENCY PROCEDURE REVISION WAS NECESSARY. THE REVISION SPECIFIES A GENERAL INSPECTION FOLLOWING A LOCA AND CLOSURE OF VALVES TO REESTABLISH CONTAINMENT BOUNDARY INTEGRITY, IF NECESSARY. THIS WAS DONE WHILE CONTAINMENT WAS AT PRESSURE. THIS ISSUE IS CONSIDERED RESOLVED AND HAS BEEN REMOVED FROM THE RANKED LIST OF ISSUES.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION

4.20.2
4.20.3
4.20.4

SEP TOPIC

IV-6

INTERNAL MEMOS
FT 83-25

OTHER RELEVANT REFERENCES

PROJECT 547
EMP 3.3 REV 84
A-NL-83-94

BIG ROCK POINT INTEGRATED PLAN

TITLE: CONTAINMENT ISOLATION - CLOSED SYSTEMS

ISSUE NUMBER: 092

SCORE: 10

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE:

(NUREG 0828) SECTION 4.20.6, CONTAINMENT ISOLATION OF CLOSED SYSTEMS, STATED THAT "... IT IS THE STAFF'S POSITION THAT THE LICENSEE DEVELOP A PERIODIC INSPECTION PROCEDURE TO IDENTIFY AND CORRECT SIGNIFICANT SYSTEM LEAKAGE." CONTAINMENT ISOLATION CLOSED SYSTEMS INCLUDE THE EMERGENCY CONDENSER, SERVICE WATER AND HEATING SYSTEMS.

RESOLUTION:

THE TRG BELIEVES THAT NO ACTION IS NECESSARY SINCE THE DAILY LEAK TEST AND OPERATOR ROUNDS INSPECTIONS ADEQUATELY ADDRESS THE ISSUE.
THIS ISSUE IS CONSIDERED RESOLVED AND HAS BEEN REMOVED FROM THE RANKED LIST OF ISSUES.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
4.20.6

SEP TOPIC
IV-6

CPCO LETTERS TO NRC DATED
02FEB84
02MAY84

NRC LETTERS TO CPCO DATED

INTERNAL MEMOS
RMK 03-84

OTHER RELEVANT REFERENCES

BIG ROCK POINT INTEGRATED PLAN

TITLE: EMERGENCY RESPONSE FACILITIES (UPGRADE TSC)

ISSUE NUMBER: 093

SCORE: 1

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE:

DURING A RECENT EMERGENCY DRILL, THE NEED FOR A N ADEQUATE TECH SUPPORT CENTER WAS IDENTIFIED. COMMUNICATION PROBLEMS EXISTED BETWEEN THE TECHNICAL SUPPORT CENTER (TSC) AND SHIFT SUPERVISOR'S OFFICE.

RESOLUTION:

THE TRG ELECTED TO MODIFY THE EXISTING TSC.
1. RELOCATE SHIFT SUPERVISORS OFFICE FROM EXISTING TSC AND MODIFY SURROUNDING AREA.
2. RELOCATE WOMEN'S RESTROOM FROM 3RD FLOOR TO 2ND FLOOR TO ALLOW MORE USABLE FLOOR SPACE FOR THE TSC.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
5.4.12

SEP TOPIC

CPCO LETTERS TO NRC DATED
02FEB84
14AUG84

NRC LETTERS TO CPCO DATED

INTERNAL MEMOS

OTHER RELEVANT REVERENCES
IEIR 83-16

BIG ROCK POINT INTEGRATED PLAN

TITLE: POST TRIP REVIEW-DATA AND INFORMATION CAPABILITIES

ISSUE NUMBER: 094A

SCORE: .

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE: 94B SUPERCEDES 94A

RESOLUTION:

REFERENCES:

GENERIC LETTER
83-28 (1.2)

NUREG

IPSAR SECTION

SEP TOPIC

BIG ROCK JOINT INTEGRATED PLAN

TITLE: POST TRIP REVIEW PROCEDURES

ISSUE NUMBER: 094B

SCORE: 16

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE:

GENERIC LETTER 83-28 REQUIRES THAT HIGH-SPEED, ACCURATE RECORDERS WITH INDEPENDENT SENSORS BE INSTALLED FOR MONITORING RPS AND ESF PARAMETERS.

THIS ISSUE WAS PREVIOUSLY TITLED POST TRIP REVIEW-DATA AND INFORMATION CAPABILITIES.

STATUS: ISSUE COMPLETED IN DECEMBER 1984 AS PER RESOLUTION.

RESOLUTION:

THE TRG HAS ELECTED NOT TO INSTALL ANY NEW EQUIPMENT. INSTEAD, PROCEDURES WILL BE WRITTEN COMMITTING CONSUMERS POWER TO TESTING THE RPS DRESF EQUIPMENT WHICH APPEARS TO HAVE BEEN CHALLENGED WITHOUT OPERATION PRIOR TO RESTART AFTER SCRAM. ISSUE COMPLETED IN DECEMBER 1984.

REFERENCES:

GENERIC LETTER
83-28 (1.2)

NUREG

IPSAR SECTION

SEP TOPIC

CPCO LETTERS TO NRC DATED
07NOV83
16AUG85

NRC LETTERS TO CPCO DATED
01JUL85

INTERNAL MEMOS
RMK 03-84

OTHER RELEVANT REFERENCES
A-NL-83-66

BIG ROCK POINT INTEGRATED PLAN

TITLE: INSTALLATION OF FILTERS IN INSTRUMENT AIR LINE

ISSUE NUMBER: 095

SCORE: 10

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE: FOREIGN PARTICLES ARE BEING FOUND IN THE INSTRUMENT AIR SYSTEM LEADING TO POSSIBLE EQUIPMENT FAILURE.

RESOLUTION: INSTALLATION OF INSTRUMENT AIR FILTERS AT THE DISCHARGE OF THE INSTRUMENT AIR DRYER.
THIS ISSUE IS CONSIDERED RESOLVED AND HAS BEEN REMOVED FROM THE RANKED LIST OF ISSUES.

REFERENCES:

INTERNAL MEMOS
RMK 03-84

OTHER RELEVANT REVERENCES
SC-83-013
D-BRP-82-46

BIG ROCK POINT INTEGRATED PLAN

TITLE: INSTALLATION OF ISOL VLV UPSTREAM OF CV-4027

ISSUE NUMBER: 096

SCORE: 11

COMMITMENT: CONSUMERS POWER HAS COMMITTED TO COMPLETE THE WORK ON THIS ISSUE, AS DESCRIBED BELOW, BY THE END OF THE 1985 REFUELING OUTAGE

DESCRIPTION:

ISSUE: THE LOCAL LEAK RATE TEST METHOD HAS CHANGED TO MEET APPENDIX J REQUIREMENTS. THE VOLUME AND NUMBER OF VALVES FOR TESTING THE CLEAN-UP DEMIN/FUEL POOL DRAIN LINE CONTAINMENT ISOLATION VALVES CREATES A PROBLEM WITH THE RELIABILITY OF THE NEW TEST METHOD.

STATUS: INSTALLATION OF ISOLATION VALVE IS SCHEDULED FOR 1985 REFUELING OUTAGE.

RESOLUTION: THE TRG HAS DECIDED TO INSTALL A NEW VALVE WHICH WILL MAKE THE LOCAL LEAK RATE TEST MORE ACCURATE AND WHICH WILL MAKE IT EASIER TO IDENTIFY VALVES TO BE FIXED IF THE TEST FAILS. TESTING OF THE CONTAINMENT ISOLATION VALVES DURING THE LAST TWO REFUELING OUTAGES HAS BEEN SATISFACTORY AND THEREFORE THE MODIFICATION WAS NOT NECESSARY AND DELAYED. IF UPCOMING TESTING IS ALSO SATISFACTORY THE PROJECT WILL AGAIN BE DELAYED.

REFERENCES:

CPCO LETTERS TO NRC DATED
02FEB84
14AUG84

NRC LETTERS TO CPCO DATED
:

INTERNAL MEMOS

OTHER RELEVANT REFERENCES
FC-548, PROJECT 403

BIG ROCK POINT INTEGRATED PLAN

TITLE: REPLACEMENT OF VIP-5 WITH MOTOR OPERATED VALVE

ISSUE NUMBER: 097

SCORE: 9

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE:

IN CERTAIN ACCIDENT CONDITIONS THE OPERATOR MAY HAVE TO MANUALLY OPEN VALVE VPI-5. THIS RESULTS IN POTENTIAL EXPOSURE OF PERSONNEL TO RADIATION.

RESOLUTION: THE TRG ELECTED TO REPLACE VPI-5 WITH A MOTOR-OPERATED VALVE.

REFERENCES:

CPCO LETTERS TO NRC DATED
02FEB84
14AUG84

INTERNAL MEMOS
RMM 83-26
MES 83-14
RMK 03-84

NRC LETTERS TO CPCO DATED
:

OTHER RELEVANT REVERENCES
PROJECT 510
DPBLANCHARD TESTIMONY SPENT FUEL POOL HEARING
9/23/83.

BIG ROCK POINT INTEGRATED PLAN

TITLE: REVISIONS TO 125-VOLT DC DRAWINGS.

ISSUE NUMBER: 098

SCORE: 13

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE: 125-VDC PANEL LOADS ARE NOT EASILY IDENTIFIABLE. A SOURCE (DRAWING) LISTING LOADS WOULD BE HELPFUL IN DESIGN AND TAGGING SITUATIONS.

STATUS: RED-LINED DRAWINGS HAVE BEEN SENT TO DRAFTING FOR INCORPORATION OF CHANGES. AS-BUILT DRAWINGS HAVE BEEN ISSUED.

RESOLUTION: THE TRG HAS ELECTED TO IDENTIFY LOADS ON BREAKERS IN THE 125-VDC PANEL AND REVISE DRAWINGS APPROPRIATELY.

REFERENCES:

CPCO LETTERS TO NRC DATED

02FEB84

14AUG84

INTERNAL MEMOS

JRT 83-24

NRC LETTERS TO CPCO DATED

.

OTHER RELEVANT REFERENCES

BIG ROCK POINT INTEGRATED PLAN

TITLE: EQUIPMENT CLASSIFICATION - RPS COMPONENTS

ISSUE NUMBER: 099

SCORE: 10

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE:

THE NRC HAS REQUESTED ASSURANCE THAT ALL REACTOR PROTECTION SYSTEM COMPONENTS ARE CONSIDERED "SAFETY RELATED" AND THAT PROPER PROCEDURES ARE UTILIZED TO PERFORM PERIODIC RPS MAINTENANCE. THIS INVOLVES PUTTING A "Q" SPECIFICATION ON DRAWINGS, TEST PROCEDURES AND MAINTENANCE PROCEDURES.

STATUS: COMPLETED AS PER RESOLUTION IN OCTOBER 1984.

RESOLUTION:

THE TRG DETERMINED THAT THE ISSUE MANAGER SHOULD ENSURE THAT ALL ACTIVE RPS COMPONENTS ARE INCLUDED IN VOLUME 17 (Q-LIST). THE RESOLUTION ALSO INCLUDES A REVIEW AND A WRITTEN SUMMARY TO THE NRC WHICH DOCUMENTS THAT ALL Q-COMPONENTS ARE INDEED COVERED BY ONE MAINTENANCE PROGRAM WHICH IDENTIFIES PROPER MAINTENANCE FOR THE Q-EQUIPMENT AND THAT PROCUREMENT OF ANY AND ALL Q-COMPONENTS IS COVERED BY ONE PROCUREMENT PROGRAM. COMPLETED IN OCTOBER 1984.

REFERENCES:

GENERIC LETTER
83-28 (2.1)

NUREG

IPSAR SECTION

SEP TOPIC

CPCO LETTERS TO NRC DATED
06SEP83
07NOV83
02OCT84
16AUG85

NRC LETTERS TO CPCO DATED
02DEC83
16MAY85

INTERNAL MEMOS
LLC 84-50
CRS 09-83
TJP 209-83
JLK 85-05

OTHER RELEVANT REFERENCES

BIG ROCK POINT INTEGRATED PLAN

TITLE: VENDOR INTERFACE AND MANUALS

ISSUE NUMBER: 100

SCORE: 8

COMMITMENT: CONSUMERS POWER HAS COMMITTED TO COMPLETE THE WORK ON THIS ISSUE, AS DESCRIBED BELOW, BY 31DEC85.

DESCRIPTION:

ISSUE: THE NRC IS CONCERNED THAT UTILITIES MAY NOT BE COLLECTING AND CONTROLLING VENDOR MANUALS IN AN ADEQUATE MANNER.

STATUS: COMPLETION EXPECTED BY COMMITMENT DATE.

RESOLUTION: THE TRG DETERMINED THAT A SYSTEM SHOULD BE DEVELOPED WHICH CROSS REFERENCES EQUIPMENT AND MANUALS AND MAINTAINS THE MANUALS IN A CURRENT FASHION.

REFERENCES:

GENERIC LETTER
83-28
(2.2(2))

NUREG

IPSAR SECTION

SEP TOPIC

CPCO LETTERS TO NRC DATED
07NOV83
16AUG85

NRC LETTERS TO CPCO DATED
16MAY85

INTERNAL MEMOS
GCW 84-13
RMK 03-84
JLK 85-05

OTHER RELEVANT REVERENCES

BIG ROCK POINT INTEGRATED PLAN

TITLE: POST MAINTENANCE TESTING - RPS COMPONENTS

ISSUE NUMBER: 101

SCORE: 5

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE: THE NRC HAS REQUESTED ASSURANCE THAT AFTER MAINTENANCE ON ANY RPS COMPONENTS THE EFFECTED COMPONENTS WILL BE TESTED FOR OPERABILITY.

STATUS: COMPLETED AS PER RESOLUTION IN OCTOBER 1984.

RESOLUTION: THIS RESOLUTION INVOLVES DESCRIBING THE PLANT MECHANISM FOR POST-MAINTENANCE TESTING TO THE NRC AND VERIFYING THAT THIS MECHANISM SATISFIES THE NRC REQUIREMENT. COMPLETED IN OCTOBER 1984.

REFERENCES:

GENERIC LETTER
83-28 (3.1)

NUREG

IPSAR SECTION

SEP TOPIC

CPCO LETTERS TO NRC DATED
14AUG84
07NOV83
02OCT84
16AUG85

NRC LETTERS TO CPCO DATED
16MAY85

INTERNAL MEMOS
LLC 84-50
JLK 85-05

OTHER RELEVANT REVERENCES

BIG ROCK POINT INTEGRATED PLAN

TITLE: EQUIPMENT CLASSIFICATION - ALL SAFETY RELATED EQUIPMENT

ISSUE NUMBER: 102

SCORE: 6

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE: GENERIC LETTER 83-28, ITEM 2.2, REQUIRED THE PLANT TO DEVELOP A RESPONSE ON CRITERIA AND INFORMATION HANDLING SYSTEM DESCRIPTION AND TO DEMONSTRATE DESIGN VERIFICATION & QUALIFICATION TESTING FOR PROCUREMENT.

RESOLUTION: A DESCRIPTION OF THE "Q" PROCUREMENT PROCESS WAS INCLUDED IN THE RESPONSE ON CRITERIA AND INFORMATION HANDLING SYSTEM DESCRIPTION WAS SUBMITTED 11/7/83.
THIS ISSUE IS CONSIDERED RESOLVED AND HAS BEEN REMOVED FROM THE RANKED LIST OF ISSUES.

REFERENCES:

GENERIC LETTER
83-28 (2.2)

NUREG

IPSAR SECTION

SEP TOPIC

CPCO LETTERS TO NRC DATED
07NOV83
02FEB84
16AUG85

NRC LETTERS TO CPCO DATED
16MAY85

INTERNAL MEMOS
LLC 84-36
JLK 85-05

OTHER RELEVANT REVERENCES

BIG ROCK POINT INTEGRATED PLAN

TITLE: POST MAINTENANCE TESTING - ALL SAFETY RELATED EQUIPMENT

ISSUE NUMBER: 103

SCORE: 1

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE:

GENERIC LETTER 83-28, ITEM 3.2, REQUIRED A PROGRAM DESCRIPTION AND JUSTIFICATION OF POST-MAINTENANCE OPERABILITY TESTING OF SAFETY-RELATED EQUIPMENT.

RESOLUTION:

THE FOLLOWING WORK WAS COMPLETED:

1. PROVIDE DOCUMENTATION DESCRIBING EXISTING REVIEWS OF TEST & MAINTENANCE PROCEDURES AND ADMINISTRATIVE CONTROLS WHICH ASSURE SAFETY-RELATED EQUIPMENT HAS HAD POST-MAINTENANCE OPERABILITY TESTING.
 2. PROVIDE BASIS THAT SHOWS HOW VENDOR AND ENGINEERING INFORMATION RECOMMENDATIONS TO ENSURE APPROPRIATE TEST GUIDANCE IS INCLUDED IN TEST AND MAINTENANCE PROCEDURES WHERE REQUIRED.
- THIS ISSUE IS CONSIDERED RESOLVED AND HAS BEEN REMOVED FROM THE RANKED LIST OF ISSUES.

REFERENCES:

GENERIC LETTER
83-28 (3.2)

NUREG

IPSAR SECTION

SEP TOPIC

CPCO LETTERS TO NRC DATED
07NOV83
02FEB84
16AUG85

NRC LETTERS TO CPCO DATED
16MAY85
:

INTERNAL MEMOS
LLC 84-36
JLK 85-05

OTHER RELEVANT REFERENCES

BIG ROCK POINT INTEGRATED PLAN

TITLE: CORE SPRAY PUMP SUCTION STRAINER BLOCKAGE

ISSUE NUMBER: 104

SCORE: 8

COMMITMENT: NONE AT THIS TIME

DESCRIPTION:

ISSUE: IN AN ACCIDENT ENVIRONMENT, THERE IS THE POTENTIAL FOR CORE SPRAY STRAINERS TO BECOME BLOCKED BY MISCELLANEOUS DEBRIS.

STATUS: PROJECT SCHEDULE HAS NOT BEEN DEVELOPED DUE TO LOW PRIORITY.

RESOLUTION: THE TRG HAS DECIDED TO INVESTIGATE THE POSSIBILITY OF BACKFLUSHING THE SUCTION STRAINER SCREENS OR ADDING INSTRUMENTATION TO DETERMINE PUMP BLOCKAGE.

REFERENCES:

INTERNAL MEMOS
RMK 03-84

OTHER RELEVANT REFERENCES
PROJECT 521

BIG ROCK POINT INTEGRATED PLAN

TITLE: REACTOR DEPRESSURIZATION SYSTEM HANGER REPLACEMENT

ISSUE NUMBER: 105

SCORE: 7

COMMITMENT: NONE AT THIS TIME

DESCRIPTION:

ISSUE:

RDS PIPE HANGER IS DISCONNECTED EACH REFUELING OUTAGE FOR SYSTEM HYDROSTATIC TESTING. EXISTING HANGER DOES NOT HAVE SUFFICIENT CAPACITY TO SUPPORT THE HYDROSTATIC LOAD.

STATUS: NEW HANGER ON ORDER. TO BE INSTALLED DURING 1985 REFUELING OUTAGE.

RESOLUTION: REPLACE RDS PIPE HANGER.

REFERENCES:

INTERNAL MEMOS

OTHER RELEVANT REFERENCES
PROJECT 632

BIG ROCK POINT INTEGRATED PLAN

TITLE: REMOVE TURBINE GRATING

ISSUE NUMBER: 106

SCORE: 11

COMMITMENT: NONE AT THIS TIME

DESCRIPTION:

ISSUE: TURBINE GRATING BLOCKS AN ESCAPE ROUTE FOR MAINTENANCE PERSONNEL PERFORMING PIPE LEAK INSPECTIONS UNDER THE TURBINE.

STATUS: COMPLETION EXPECTED BY END OF 1985 REFUELING OUTAGE.

RESOLUTION: REMOVE GRATING AT TURBINE GENERATOR STANDARD, INSTALL ALARM/LOCKING DEVICE (VITAL AREA).
COMPLETION EXPECTED BY END OF 1985 REFUELING OUTAGE.

REFERENCES:

INTERNAL MEMOS

OTHER RELEVANT REFERENCES
REQUEST FOR MOD FROM GCHITHROW-3/20/84
PROJECT 573

BIG ROCK POINT INTEGRATED PLAN

TITLE: FLOOD ANNUNCIATION

ISSUE NUMBER: 107

SCORE: 8

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE: PROVIDE INDICATION OF FLOOD LEVEL TO AID IN REVISING TEMP 3.9 TO MEET REQUIREMENTS OF 3/22/84 LETTER FROM THE NRC.

RESOLUTION:

INSTALL INDICATION, ANNUNCIATION OF FLOODING IN THE FOLLOWING AREAS:

1. STATION POWER ROOM
2. PIPE TUNNEL
3. CORE SPRAY PUMP ROOM
4. HEATING BOILER ROOM

TRO HAS ELECTED TO CANCEL. REVISION TO FLOODING PROCEDURES HAS ADEQUATE OPERATOR ACTION THAT DOES NOT REQUIRE THE FLOOD ANNUNCIATORS.

REFERENCES:

GENERIC LETTER

NUREG
0828, MAY 84

IPSAR SECTION
4.2

SEP TOPIC

CPCO LETTERS TO NRC DATED
23JUN83

NRC LETTERS TO CPCO DATED
22MAR84

INTERNAL MEMOS

OTHER RELEVANT REVERENCES
EMP 3.9
QA05 472-84

BIG ROCK POINT INTEGRATED PLAN

TITLE: MAIN STEAM LINE DRAIN ISOLATION

ISSUE NUMBER: 108

SCORE: 0

COMMITMENT: NONE. THIS ISSUE IS CONSIDERED RESOLVED.

DESCRIPTION:

ISSUE: CAP OR AIR TEST MO-7065 TO FULLY RESOLVE ISSUE 50A2 .
(50A2 ONLY ADDRESSES MSIV BACKUP; NOT THE DRAINLINE)

STATUS: AT NRC REQUEST THE BREAKER TO MO7065 WAS LOCKED OPEN. IN ADDITION THE OUTSIDE ISOLATION VALVE CV4107 HAS HAD ITS AIR SUPPLY REMOVED FAILING THE VALVE IN THE CLOSED POSITION.

RESOLUTION: JUSTIFY CURRENT TEST METHOD TO THE NRC. COMMITMENT TO LOCK CLOSED MO-7065. A RESULT OF COMPROMISE WITH NRR PROJECT MANAGER. IN ADDITION, THE OUTSIDE ISOLATION VALVE CV4107 HAS HAD ITS AIR SUPPLY REMOVED FAILING THE VALVE IN THE CLOSED POSITION.

REFERENCES:

CPCO LETTERS TO NRC DATED
14MAR84

INTERNAL MEMOS
RHK 04-84

NRC LETTERS TO CPCO DATED

OTHER RELEVANT REFERENCES
ISSUE 50A2

BIG ROCK POINT INTEGRATED PLAN

TITLE: BACKUP HIGH RANGE STACK MONITOR

ISSUE NUMBER: 109

SCORE: 3

COMMITMENT: NONE AT THIS TIME

DESCRIPTION:

ISSUE: REFERENCE TECHNICAL SPECIFICATION AMENDMENT REQUEST DATED 12/16/83. NRC WOULD LIKE THE TSR TO BE CONSISTENT WITH STS WORDING, IMPLEMENTING AN ALTERNATE PREPLANNED METHOD FOR HIGH RANGE STACK MONITORING IF THE NEW STACK MONITOR IS INOPERABLE.

STATUS: TECHNICAL SPECIFICATION CHANGE REQUEST WAS RESUBMITTED NOVEMBER 8, 1984 AND APPROVED BY THE NRC ON JUNE 10, 1985. BECAUSE OF MANPOWER REQUIREMENTS ASSOCIATED WITH OTHER ISSUES A NEW ISSUE MANAGER HAS BEEN ASSIGNED. A NEW COMPLETION SCHEDULE WILL BE PREPARED FOR REMAINING ACTIVITIES BY THE END OF 1985.

RESOLUTION: ROUTE THE EXHAUST OF THE HIGH RANGE STACK MONITOR THROUGH THE 'OLD' HIGH RANGE STACK MONITOR SHIELDING SO THE 'OLD' HIGH RANGE STACK MONITOR CAN BECOME OUR BACKUP MONITOR. A TECHNICAL SPECIFICATION CHANGE REQUEST WAS RESUBMITTED NOVEMBER 8, 1984 TO INCORPORATE NRC'S REQUEST. PENDING NRC REVIEW AND APPROVAL.

REFERENCES:

CPCO LETTERS TO NRC DATED

16DEC83
16FEB83
08NOV84

INTERNAL MEMOS

JLB 84-55

NRC LETTERS TO CPCO DATED

10JUN85

OTHER RELEVANT REVERENCES

A-NL-84-57
QA05 1217-84
PROJECT 592

BIG ROCK POINT INTEGRATED PLAN

TITLE: LIGHTNING PROTECTION

ISSUE NUMBER: 110

SCORE: 10

COMMITMENT: NONE AT THIS TIME

DESCRIPTION:

ISSUE: LIGHTNING STRIKES MAY CAUSE EQUIPMENT MALFUNCTION/DAMAGE.

STATUS: INVESTIGATION COMPLETE. FACILITY CHANGE PACKAGE IN REVIEW. COMPLETION EXPECTED BY DECEMBER 31, 1986.

RESOLUTION:

1. REDESIGN THE WELL PUMP HOUSE ANNUNCIATOR ALARM CIRCUIT, REMOVE THE DC CIRCUIT TO REPLACE THE GROUND LOOP OR ANTENNA EFFECT.
2. INSTALL SURGE ARRESTERS BETWEEN WELL HOUSE CABLE AND MCC IC BUS.
3. REPLACE DOMESTIC WATER PUMP CONTROL CIRCUIT FUSE.
4. IMPLEMENT A PM PROGRAM TO TEST PLANT GROUND SYSTEM RESISTANCE.

REFERENCES:

INTERNAL MEMOS
LARK 3-84

OTHER RELEVANT REFERENCES
PRC MEETING 84-35, 22-84
PROJECT 582