

Southern California Edison Company

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SENIOR VICE PRESIDENT

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April 18, 1989

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555

Gentlemen:

Subject: Docket Nos. 50-206, 50-361 and 50-362
TMI Action Plan Status
San Onofre Nuclear Generating Station
Units 1, 2 and 3

By letter dated April 14, 1989, the NRC staff requested that Southern California Edison (SCE) provide the implementation status for TMI Action Plan Items at San Onofre Nuclear Generating Station (SONGS) Units 1, 2 and 3.

The list of TMI Action Plan Items has been reviewed and annotated in accordance with the above noted letter to indicate the implementation status at SONGS. The annotated lists for Unit 1 and Units 2 and 3 are enclosed.

Because of the limited time allowed for this response, this review represents our best efforts, and the status indicated for each item is based solely on a review of pertinent correspondence and the Safety Evaluation Reports. SCE believes that the information provided is correct to the best of our knowledge and accurately reflects the TMI Action Plan implementation status at SONGS.

If you have any questions or require additional information, please call me.

Very truly yours,



Enclosure

cc: D. E. Hickman, NRC Project Manager, San Onofre Units 2 and 3
F. R. Huey, NRC Senior Resident Inspector, San Onofre Units 1, 2, and 3

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SAN ONOFRE UNIT 1

ISSUE NUMBER	MULTI-PLANT ACTION NO.	ISSUE TITLE	LICENSEE IMPLEMENTATION STATUS
I.A.1.1.1		SHIFT TECHNICAL ADVISOR - ON DUTY	C
*I.A.1.1.2		SHIFT TECHNICAL ADVISOR - TECH SPECS.	C
*I.A.1.1.3	F001	SHIFT TECHNICAL ADVISOR - TRAINED PER LL CAT B.	C
*I.A.1.1.4		SHIFT TECHNICAL ADVISOR - DESCRIBE LONG TERM PROGRAM.	C
I.A.1.2		SHIFT SUPERVISOR RESPONSIBILITIES.	C
I.A.1.3.1	F002	SHIFT MANNING - LIMIT OVERTIMES.	C
I.A.1.3.2	F002	SHIFT MANNING - MIN SHIFT CREW.	C
I.A.2.1.1		IMMEDIATE UPGRADING OF RO & SRO TRAINING AND QUAL. - SRO EXPER.	C
I.A.2.1.2		IMMEDIATE UPGRADING OF RO & SRO TRAINING AND QUAL. - SRO'S BE RO'S 1YR.	C
I.A.2.1.3		IMMEDIATE UPGRADING OF RO & SRO TRAINING AND QUAL. - 3 MO. TRAINING.	C
I.A.2.1.4	F003	IMMEDIATE UPGRADING OF RO & SRO TRAINING AND QUAL. - MODIFY TRAINING.	C
I.A.2.1.5		IMMEDIATE UPGRADING OF RO & SRO TRAINING AND QUAL. - FACILITY CERTIF.	C
I.A.2.3		ADMINISTRATION OF TRAINING PROGRAMS.	C
I.A.3.1.1		REVISE SCOPE & CRITERIA FOR LICENSING EXAMS - INCREASE SCOPE.	C
I.A.3.1.2		REVISE SCOPE & CRITERIA FOR LICENSING EXAMS - INCREASE PASSING GRADE.	C
I.A.3.1.3.A		REVISE SCOPE & CRIT. FOR LIC. EXAMS - SIMULATOR PLANTS WITH SIMULATORS.	NA
I.A.3.1.3.B		REVISE SCOPE & CRIT. FOR LIC. EXAMS - SIMULATOR - OTHER PLANTS.	NA
*I.B.1.2		EVALUATION OF ORGANIZATION & MANAGEMENT.	C
I.C.1.1		SHORT-TERM ACCIDENT & PROCEDURES REVIEW - SB LOCA.	C
I.C.1.2.A	F004	SHORT-TERM ACCID. & PROCEDURES REV. - INADEQ. CORE COOL. REANAL. GUIDELINES.	open-Unit 3
I.C.1.2.B	F004	SHORT-TERM ACCID. & PROCEDURES REV. - INADEQ. CORE COOL. REVISE PROCEDURES.	open-Unit 3
I.C.1.3.A	F005	SHORT-TERM ACCID. & PROCEDURES REV - TRANSIENTS & ACCDTS. REANAL GUIDELINES (PROC. GEN. PKG.).	C
I.C.1.3.B	F005	SHORT-TERM ACCID. & PROCEDURES REV. - TRANSIENTS & ACCDTS. REVISE PROCEDURES (UPGRADED EOP'S).	C
I.C.2		SHIFT & RELIEF TURNOVER PROCEDURES.	C
I.C.3		SHIFT-SUPERVISOR RESPONSIBILITY.	C
I.C.4		CONTROL-ROOM ACCESS.	C
I.C.5	F006	FEEDBACK OF OPERATING EXPERIENCE.	C
I.C.6	F007	VERIFY CORRECT PERFORMANCE OF OPERATING ACTIVITIES.	NA
*I.C.7.1		NSSS VENDOR REV. OF PROC - LOW POWER TEST PROGRAM.	NA
*I.C.7.2		NSSS VENDOR REV. OF PROC - POWER ASCENSION & EMER. PROCS.	NA
*I.C.8		PILOT MON OF SELECTED EMERGENCY PROC FOR NTOLS.	C
I.D.1 (See F008 & F071)		CONTROL-ROOM DESIGN REVIEWS (ENTER DATA FOR MPA F008 & MPA F-071).	open-Unit 1
I.D.2.1	F009	PLANT-SAFETY PARAMETER DISPLAY CONSOLE - DESCRIPTION.	Options for SPDS under evaluation

Unit 1 submittal on implementation of
NEC recommendations for PGP is
scheduled 60 days following
units return to service

ISSUE NUMBER	MULTI-PLANT ACTION NO.	ISSUE TITLE	LICENSEE IMPLEMENTATION STATUS
I.D.2.2	F009	PLANT-SAFETY PARAMETER DISPLAY CONSOLE - INSTALLED.....	Unit 1 open open
I.D.2.3	F009	PLANT-SAFETY PARAMETER DISPLAY CONSOLE - FULLY IMPLEMENTED.....	
*I.G.1.1		TRAINING DURING LOW-POWER TESTING - PROPOSE TESTS.....	
*I.G.1.2		TRAINING DURING LOW-POWER TESTING - SUBMIT ANAL. & PROCS.....	N/A
*I.G.1.3		TRAINING DURING LOW-POWER TESTING - TRAINING & RESULTS.....	N/A
II.B.1.1		REACTOR-COOLANT SYSTEM VENTS - DESIGN VENTS.....	C
II.B.1.2	F010	REACTOR-COOLANT SYSTEM VENTS - INSTALL VENTS (LL CAT B).....	
II.B.1.3	F010	REACTOR-COOLANT SYSTEM VENTS - PROCEDURES.....	
II.B.2.1		PLANT SHIELDING - REVIEW DESIGNS.....	C
*II.B.2.2		PLANT SHIELDING - CORRECTIVE ACTIONS TO ASSURE ACCESS.....	
*II.B.2.3	F011	PLANT SHIELDING - PLANT MODIFICATIONS (LL CAT B).....	
*II.B.2.4		PLANT SHIELDING - EQUIPMENT QUALIFICATION- NOT TRACKED AS A TMI ACTION ITEM.....	C
*II.B.3.1		POSTACCIDENT SAMPLING - INTERIM SYSTEM.....	
*II.B.3.2		POSTACCIDENT SAMPLING - CORRECTIVE ACTIONS.....	
*II.B.3.3		POSTACCIDENT SAMPLING - PROCEDURES.....	C
*II.B.3.4	F012	POSTACCIDENT SAMPLING - PLANT MODIFICATIONS (LL CAT B).....	
II.B.4.1	F013	TRAINING FOR MITIGATING CORE DAMAGE - DEVELOP TRAINING PROGRAM.....	
*II.B.4.2.A	F013	TRAINING FOR MITIGATING CORE DAMAGE - INITIAL.....	C
*II.B.4.2.B	F013	TRAINING FOR MITIGATING CORE DAMAGE - COMPLETE.....	
II.D.1.1		RELIEF & SAFETY VALVE TEST REQUIREMENTS - SUBMIT PROGRAM.....	
*II.D.1.2.A		RELIEF & SAFETY VALVE TEST REQUIREMENTS - COMPLETE TESTING.....	Unit 1 open - AUDIT PENDING
*II.D.1.2.B	F014	RELIEF & SAFETY VALVE TEST REQUIREMENTS - PLANT SPECIFIC REPORT.....	
II.D.1.3		RELIEF & SAFETY VALVE TEST REQUIREMENTS - BLOCK-VALVE TESTING.....	
*II.D.3.1		VALVE POSITION INDICATION - INSTALL DIRECT INDICATIONS OF VALVE POS.....	C
*II.D.3.2		VALVE POSITION INDICATION - TECH SPECS.....	
*II.E.1.1.1	F015	AFS EVALUATION-ANALYSIS.....	
(SEE NOTE 1)			C
*II.E.1.1.2	F015	AFS EVALUATION-SHORT TERM MODS.....	
(SEE NOTE 2)			
II.E.1.1.3	F015	AFS -LONG TERM MODS.....	C
(SEE NOTE 3)			

NOTE 1 - THE ITEM LISTED IS FROM NUREG-0737, ENCLOSURE 2 AND IS APPLICABLE TO NTOLS'S ONLY

NOTE 2 - THE ITEM LISTED IS FOR ALL PLANTS (OPERATING REACTORS AND NTOL'S)

NOTE 3 - THE ITEM LISTED IS FOR ALL PLANTS (OPERATING REACTORS AND NTOL'S)

- 2 -

Additional information to be completed prior to return to service from the Cycle 11 refueling outage per NRC February 24, 1989 letter

ISSUE NUMBER	MULTI-PLANT ACTION NO.	ISSUE TITLE	LICENSEE IMPLEMENTATION STATUS
II.E.1.2.1.A		AFS INITIATION & FLOW-CONTROL GRADE.....	
II.E.1.2.1.B	F016	AFS INITIATION & FLOW - SAFETY GRADE.....	
II.E.1.2.2.A		AFS INITIATION & FLOW - FLOW INDICATION CONTROL GRADE.....	
*II.E.1.2.2.B		AFS INITIATION & FLOW - LL CAT A TECH SPECS.....	
*II.E.1.2.2.C	F017	AFS INITIATION & FLOW - SAFETY GRADE.....	
*II.E.3.1.1		EMERGENCY POWER FOR PRESSURIZER HEATERS - UPGRADE POWER SUPPLY.....	
*II.E.3.1.2		EMERGENCY POWER FOR PRESSURIZER HEATERS - TECH SPECS.....	
II.E.4.1.1		DEDICATED HYDROGEN PENETRATIONS - DESIGN.....	
*II.E.4.1.2		DEDICATED HYDROGEN PENETRATIONS - REVIEW & REVISE H2 CONTROL PROC.....	
*II.E.4.1.3	F018	DEDICATED HYDROGEN PENETRATION - INSTALL.....	
II.E.4.2.1-4		CONTAINMENT ISOLATION DEPENDABILITY - IMP. DIVERSE ISOLATION.....	
*II.E.4.2.5.A		CONTAINMENT ISOLAT. DEPENDABILITY - CNTMT PRESS. SETPT. SEECIFY PRESS.....	
*II.E.4.2.5.B		CONTAINMENT ISOLATION DEPENDABILITY - CNTMT PRESSURE SETPT. MODS.....	
II.E.4.2.6	F019	CONTAINMENT ISOLATION DEPENDABILITY - CNTMT PURGE VALVES.....	
II.E.4.2.7	F019	CONTAINMENT ISOLATION DEPENDABILITY - RADIATION SIGNAL ON PURGE VALVES.....	
*II.E.4.2.8		CONTAINMENT ISOLATION DEPENDABILITY - TECH SPECS.....	
*II.F.1.1	F020	ACCIDENT - MONITORING - PROCEDURES.....	
*II.F.1.2.A	F020	ACCIDENT - MONITORING - NOBLE GAS MONITOR.....	
*II.F.1.2.B	F021	ACCIDENT - MONITORING - IODINE/PARTICULATE SAMPLING.....	
*II.F.1.2.C	F022	ACCIDENT - MONITORING - CONTAINMENT HIGH-RANGE MONITOR.....	
*II.F.1.2.D	F023	ACCIDENT - MONITORING - CONTAINMENT PRESSURE.....	
*II.F.1.2.E	F024	ACCIDENT - MONITORING - CONTAINMENT WATER LEVEL.....	
*II.F.1.2.F	F025	ACCIDENT - MONITORING - CONTAINMENT HYDROGEN.....	
*II.F.2.1		INSTRUMENTATION FOR DETECT. OF INADEQUATE CORE COOLING - PROCEDURES.....	
*II.F.2.2		INSTRUMENTATION FOR DETECT. OF INADEQUATE CORE COOLING - SUBCOOL METER.....	
*II.F.2.3	F026	INSTRUMENTATION FOR DETECT. OF INADEQUATE CORE COOLING - DESC. OTHER.....	
*II.F.2.4	F026	INSTRUMENTATION FOR DETECT. OF INADEQUATE CORE CLING INSTLL ADD'L INSTRUMENTATION.....	
*II.G.1.1		POWER SUPP. FOR PRESSURIZER RELIEF, BLOCK VALVES & LEVEL IND. - UPGRADE.....	
*II.G.1.2		POWER SUPP. FOR PRESSURIZER RELIEF, BLOCK VALVES & LEVEL IND. - TECH SP.....	
II.K.1 (Oper. Reactors Only)		IE BULLETINS - 79-05, 79-06, 79-08.....	

N/A
N/A
N/A

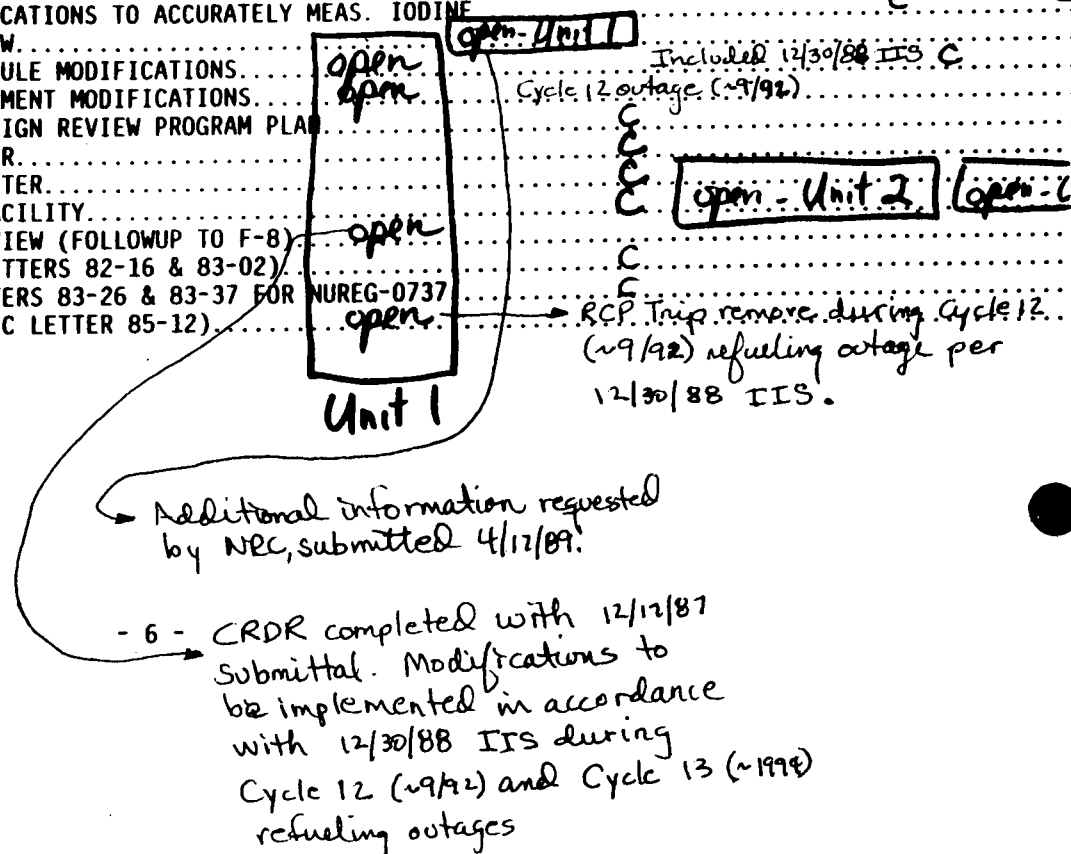
open open (CET's 12/92 hardware) (CET's 12/92 hardware)

CET's scheduled to be upgraded during Cycle 12 refueling outage (9/92). (IIS 12/30/88)
NRC reviewing SCE's exception to install a RVLIS. (SCE letter 8/8/88)

ISSUE NUMBER	MULTI-PLANT ACTION NO.	ISSUE TITLE	LICENSEE IMPLEMENTATION STATUS
*II.K.1.5		IE BULLETINS - REVIEW ESF VALVES.....	NA
*II.K.1.10		IE BULLETINS - OPERABILITY STATUS.....	NA
*II.K.1.20		IE BULLETINS - PROMPT MANUAL REACTOR TRIP.....	NA
*II.K.1.21		IE BULLETINS - AUTO SG ANTICIPATORY REACTOR TRIP.....	NA
*II.K.1.22		IE BULLETINS - AUX. HEAT REM SYSTEM, PROC.....	NA
*II.K.1.23		IE BULLETINS - RV LEVEL, PROCEDURES.....	NA
*II.K.2.2		ORDERS ON B&W PLANTS - PROCEDURES TO CONTROL AFW IND OF ICS.....	NA
*II.K.2.8		ORDERS ON B&W PLANTS - UPGRADE AFW SYSTEM.....	NA
II.K.2.9	F027	ORDERS ON B&W PLANTS - FEMA ON ICS.....	NA
II.K.2.10	F028	ORDERS ON B&W PLANTS - SAFETY-GRADE TRIP.....	NA
*II.K.2.11	F029	ORDERS ON B&W PLANTS - OPERATOR TRAINING.....	NA
II.K.2.13	F030	ORDERS ON B&W PLANTS - THERMAL MECHANICAL REPORT (CE & W PLANTS ALSO).....	C
II.K.2.14	F031	ORDERS ON B&W PLANTS - LIFT FREQUENCY OF PORV'S & SV's.....	NA
II.K.2.15		ORDERS ON B&W PLANTS - EFFECTS OF SLUG FLOW.....	NA
II.K.2.16	F032	ORDERS ON B&W PLANTS - RCP SEAL DAMAGE.....	NA
II.K.2.17	F033	ORDERS ON B&W PLANTS - VOIDING IN RCS (CE & W PLANTS ALSO).....	C
II.K.2.19		BENCHMARK ANALYSIS OF SEQUENTIAL AFW FLOW TO ONCE THROUGH STM GENERATOR.....	NA
*II.K.2.20	F035	ORDERS ON B&W PLANTS - SYSTEM RESPONSE TO SB LOCA.....	NA
*II.K.3.1.A	F036	B&O TASK FORCE - AUTOMATIC PORV ISOLATION DESIGN.....	NC
*II.K.3.1.B		FINAL RECOMMENDATIONS, B&O TASK FORCE - AUTO PORV ISO TEST/INSTALL.....	NA
II.K.3.2	F037	B&O TASK FORCE - REPORT ON PORV FAILURES.....	C
II.K.3.3	F038	B&O TASK FORCE - REPORTING SV & RV FAILURES AND CHALLENGES.....	C
II.K.3.5.A	F039	B&O TASK FORCE - AUTO TRIP OF RCP'S PROPOSED MODIFICATIONS.....	C
II.K.3.5.B	F039	B&O TASK FORCE - AUTO TRIP OF RCP'S MODIFICATIONS.....	C
II.K.3.7		B&O TASK FORCE - EVALUATION OF PORV OPENING PROBABILITIES.....	NA
II.K.3.9	F040	B&O TASK FORCE - PID CONTROLLER MODIFICATION.....	C
II.K.3.10	F041	B&O TASK FORCE - PROPOSED ANTICIPATORY TRIP MODIFICATIONS.....	NA
II.K.3.11		B&O TASK FORCE - JUSTIFY USE OF CERTAIN PORV.....	C
II.K.3.12.A		B&O TASK FORCE - ANTICIPATORY TRIP ON TURBINE TRIP PROPOSED MODS.....	NC
II.K.3.12.B	F042	B&O TASK FORCE - ANTICIPATORY TRIP ON TURBINE TRIP INSTALL MODS.....	NC
II.K.3.13.A	F043	B&O TASK FORCE - HPCI & RCIC SYSTEM INITIATION LEVELS ANALYSIS.....	NA
II.K.3.13.B	F043	B&O TASK FORCE - HPCI & RCIC INITIATION LEVELS MODIFICATION.....	NA

ISSUE NUMBER	MULTI-PLANT ACTION NO.	ISSUE TITLE	LICENSEE IMPLEMENTATION STATUS
*II.K.3.14	F044	B&O TASK FORCE - ISO CONDENSER ISOLATION ON HIGH RAD.	NA
II.K.3.15	F045	B&O TASK FORCE - MODIFY HPCI & RCIC BRK DETECTION CIRCUITRY.	NA
II.K.3.16A	F046	B&O TASK FORCE - CHALLENGE & FAILURE OF RELIEF VALVES STUDY.	NA
II.K.3.16.B	F046	B&O TASK FORCE - CHALLENGE & FAILURE OF RELIEF VALVES MODIFICATIONS.	NA
II.K.3.17	F047	B&O TASK FORCE - ECC SYSTEM OUTAGES.	C
II.K.3.18.A	F048	B&O TASK FORCE - ADS ACTUATION STUDY.	NA
II.K.3.18.B	F048	B&O TASK FORCE - ADS ACTUATION PROPOSED MODIFICATIONS.	NA
II.K.3.18.C	F048	B&O TASK FORCE - ADS ACTUATION MODIFICATIONS.	NA
*II.K.3.19	F049	B&O TASK FORCE - INTERLOCK RECIRCULATORY PUMP MODIFICATIONS.	NA
*II.K.3.20		B&O TASK FORCE - LOSS OF SVC WATER AT BRP.	NA
II.K.3.21.A	F050	B&O TASK FORCE - RESTART OF CSS & LPCI LOGIC DESIGN.	NA
II.K.3.21.B	F050	B&O TASK FORCE - RESTART OF CSS & LPCI LOGIC DESIGN MODIFICATIONS.	NA
II.K.3.22.A	F051	B&O TASK FORCE - RCIC SUCTION VERIFICATION PROCEDURES.	NA
II.K.3.22.B	F051	B&O TASK FORCE - RCIC SUCTION MODIFICATION.	NA
II.K.3.24	F052	B&O TASK FORCE - SPACE COOLING FOR HPCI/RCI LOSS OF AC POWER.	NA
II.K.3.25.A		B&O TASK FORCE - POWER ON PUMP SEALS PROPOSED MODIFICATIONS.	NC
II.K.3.25.B	F053	B&O TASK FORCE - POWER ON PUMP SEALS MODIFICATIONS.	NC
II.K.3.27	F054	B&O TASK FORCE - COMMON REFERENCE LEVEL FOR BWRS.	NA
II.K.3.28	F055	B&O TASK FORCE - QUALIFICATION OF ADS ACCUMULATORS.	NA
*II.K.3.29	F056	B&O TASK FORCE - PERFORMANCE OF ISOLATION CONDENSERS.	NA
II.K.3.30.A		B&O TASK FORCE - SCHEDULE FOR OUTLINE OF SB LOCA MODEL.	C
II.K.3.30.B	F057	B&O TASK FORCE - SB LOCA MODEL, JUSTIFICATION.	C
II.K.3.30.C		B&O TASK FORCE - SB LOCA METHODS NEW ANALYSES.	C
II.K.3.31	F058	B&O TASK FORCE - COMPLIANCE WITH CFR 50.46.	C
*II.K.3.40		B&O TASK FORCE - RCP SEAL DAMAGE - COVERED BY II.K.2.16 AND II.K.3.25.	NC
*II.K.3.43		B&O TASK FORCE - EFFECTS OF SLUG FLOW - COVERED BY II.K.2.15.	NA
II.K.3.44	F059	B&O TASK FORCE - EVALUATE TRANSIENT WITH SINGLE FAILURE.	NA
II.K.3.45	F060	B&O TASK FORCE - ANALYSES TO SUPPORT.	NA
II.K.3.46	F061	RESPONSE TO LIST OF CONCERNS FROM ACRS CONSULTANT.	NA
*II.K.3.57	F062	IDENTIFY WATER SOURCES PRIOR TO MANUAL ACTIVATION OF ADS.	NA
III.A.1.1		EMERGENCY PREPAREDNESS, SHORT TERM.	C

ISSUE NUMBER	MULTI-PLANT ACTION NO.	ISSUE TITLE	LICENSEE IMPLEMENTATION STATUS
III.A.1.2.1		UPGRADE EMERGENCY SUPPORT FACILITIES - INTERIM TSC OSC & EOF.....	C
III.A.1.2.2		UPGRADE EMERGENCY SUPPORT FACILITIES-DESIGN-INCORP. INTO F063/F064/F065.....	C
(SEE F063, F064, F065)			
III.A.1.2.3		UPGRADE EMER SUPPORT FACILITIES - MODS INCORPOR. INTO F063, F064 & F065.....	C
(SEE F063, F064, F065)			
III.A.2.1	F067	UPGRADE PREPAREDNESS - UPGRADE EMERGENCY PLANS TO APP. 10 CFR 50.	C
III.A.2.2	F068	UPGRADE PREPAREDNESS - METEOROLOGICAL DATA.....	C
*III.D.1.1.1		PRIMARY COOLANT OUTSIDE CONTAINMENT - LEAK REDUCTION.....	C
*III.D.1.1.2		PRIMARY COOLANT OUTSIDE CONTAINMENT - TECH SPECS.....	C
III.D.3.3.1		INPLANT RAD. MONIT. - PROVIDE MEANS TO DETER. PRESENCE OF RADIOIODINE.....	C
III.D.3.3.2	F069	INPLANT RADIATION MONIT. - MODIFICATIONS TO ACCURATELY MEAS. IODINE.....	C
III.D.3.4.1	F070	CONTROL ROOM HABITABILITY - REVIEW.....	C
*III.D.3.4.2	F070	CONTROL ROOM HABITABILITY - SCHEDULE MODIFICATIONS.....	C
*III.D.3.4.3		CONTROL ROOM HABITABILITY - IMPLEMENT MODIFICATIONS.....	C
MPA-F008	F008	I.D.1.1 DETAILED CONTROL ROOM DESIGN REVIEW PROGRAM PLAN.....	C
MPA-F063	F063	III.A.1.2 TECHNICAL SUPPORT CENTER.....	C
MPA-F064	F064	III.A.1.2 OPERATIONAL SUPPORT CENTER.....	C
MPA-F065	F065	III.A.1.2 EMERGENCY OPERATIONS FACILITY.....	C
MPA-F071	F071	I.D.1.2 DETAILED CONTROL ROOM REVIEW (FOLLOWUP TO F-8).....	C
MPA-B072	B072	NUREG-0737 TECH SPECS (GENERIC LETTERS 82-16 & 83-02).....	C
MPA-B083	B083	TECH SPEC COVERED BY GENERIC LETTERS 83-26 & 83-37 FOR NUREG-0737.....	C
67.4.1	G001	REACTOR COOLANT PUMP TRIP (GENERIC LETTER 85-12).....	C



UNITS 2/3

NUMBER	MULTI-PLANT ACTION NO.	ISSUE TITLE	LICENSEE IMPLEMENTATION STATUS	
I.A.1.1.1		SHIFT TECHNICAL ADVISOR - ON DUTY	✓2	✓3
*I.A.1.1.2		SHIFT TECHNICAL ADVISOR - TECH SPECS.....	c	c
*I.A.1.1.3	F001	SHIFT TECHNICAL ADVISOR - TRAINED PER LL CAT B.....	c	c
*I.A.1.1.4		SHIFT TECHNICAL ADVISOR - DESCRIBE LONG TERM PROGRAM.....	c	c
I.A.1.2		SHIFT SUPERVISOR RESPONSIBILITIES.....	c	c
I.A.1.3.1	F002	SHIFT MANNING - LIMIT OVERTIMES.....	c	c
I.A.1.3.2	F002	SHIFT MANNING - MIN SHIFT CREW.....	c	c
I.A.2.1.1		IMMEDIATE UPGRADING OF RO & SRO TRAINING AND QUAL. - SRO EXPER.....	c	c
I.A.2.1.2		IMMEDIATE UPGRADING OF RO & SRO TRAINING AND QUAL. - SRO'S BE RO'S 1YR.....	c	c
I.A.2.1.3		IMMEDIATE UPGRADING OF RO & SRO TRAINING AND QUAL. - 3 MO. TRAINING.....	c	c
I.A.2.1.4	F003	IMMEDIATE UPGRADING OF RO & SRO TRAINING AND QUAL. - MODIFY TRAINING.....	c	c
I.A.2.1.5		IMMEDIATE UPGRADING OF RO & SRO TRAINING AND QUAL. - FACILITY CERTIF.....	c	c
I.A.2.3		ADMINISTRATION OF TRAINING PROGRAMS.....	c	c
I.A.3.1.1		REVISE SCOPE & CRITERIA FOR LICENSING EXAMS - INCREASE SCOPE.....	c	c
I.A.3.1.2		REVISE SCOPE & CRITERIA FOR LICENSING EXAMS - INCREASE PASSING GRADE.....	c	c
I.A.3.1.3.A		REVISE SCOPE & CRIT. FOR LIC. EXAMS - SIMULATOR PLANTS WITH SIMULATORS.....	N/A	N/A
I.A.3.1.3.B		REVISE SCOPE & CRIT. FOR LIC. EXAMS - SIMULATOR - OTHER PLANTS.....	c	c
*I.B.1.2		EVALUATION OF ORGANIZATION & MANAGEMENT.....	c	c
I.C.1.1		SHORT-TERM ACCIDENT & PROCEDURES REVIEW - SB LOCA.....	c	c
I.C.1.2.A	F004	SHORT-TERM ACCID. & PROCEDURES REV. - INADEQ. CORE COOL. REANAL. GUIDELINES.....	open - Unit 3	c
I.C.1.2.B	F004	SHORT-TERM ACCID. & PROCEDURES REV. - INADEQ. CORE COOL. REVISE PROCEDURES.....	open - 2	c
I.C.1.3.A	F005	SHORT-TERM ACCID. & PROCEDURES REV - TRANSIENTS & ACCDTS. REANAL GUIDELINES (PROC. GEN. PKG.).....	c	c
I.C.1.3.B	F005	SHORT-TERM ACCID. & PROCEDURES REV. - TRANSIENTS & ACCDTS. REVISE PROCEDURES (UPGRADED EOP'S).....	c	c
I.C.2		SHIFT & RELIEF TURNOVER PROCEDURES.....	c	c
I.C.3		SHIFT-SUPERVISOR RESPONSIBILITY.....	c	c
I.C.4		CONTROL-ROOM ACCESS.....	c	c
I.C.5	F006	FEEDBACK OF OPERATING EXPERIENCE.....	c	c
I.C.6	F007	VERIFY CORRECT PERFORMANCE OF OPERATING ACTIVITIES.....	c	c
*I.C.7.1		NESS VENDOR REV. OF PROC - LOW POWER TEST PROGRAM.....	c	c
*I.C.7.2		NESS VENDOR REV. OF PROC - POWER ASCENSION & EMER. PROCS.....	c	c
*I.C.8		PILOT MON OF SELECTED EMERGENCY PROC FOR NTOLS.....	c	c
I.D.1 (See F008 & F071)		CONTROL-ROOM DESIGN REVIEWS (ENTER DATA FOR MPA F008 & MPA F-071).....	open - Unit 1	c
I.D.2.1	F009	PLANT-SAFETY PARAMETER DISPLAY CONSOLE - DESCRIPTION.....	c	c

ISSUE NUMBER MULTI-PLANT
ACTION NO. ISSUE TITLE

Unit 1
open
open

LICENSEE IMPLEMENTATION STATUS

ISSUE NUMBER	MULTI-PLANT ACTION NO.	ISSUE TITLE	U2	U3
I.D.2.2	F009	PLANT-SAFETY PARAMETER DISPLAY CONSOLE - INSTALLED.....	C	C
I.D.2.3	F009	PLANT-SAFETY PARAMETER DISPLAY CONSOLE - FULLY IMPLEMENTED.....	C	C
*I.G.1.1		TRAINING DURING LOW-POWER TESTING - PROPOSE TESTS.....	C	C
*I.G.1.2		TRAINING DURING LOW-POWER TESTING - SUBMIT ANAL. & PROCS.....	C	C
*I.G.1.3		TRAINING DURING LOW-POWER TESTING - TRAINING & RESULTS.....	C	C
II.B.1.1		REACTOR-COOLANT SYSTEM VENTS - DESIGN VENTS.....	C	C
II.B.1.2	F010	REACTOR-COOLANT SYSTEM VENTS - INSTALL VENTS (LL CAT B).....	C	C
II.B.1.3	F010	REACTOR-COOLANT SYSTEM VENTS - PROCEDURES.....	C	C
II.B.2.1		PLANT SHIELDING - REVIEW DESIGNS.....	C	C
*II.B.2.2		PLANT SHIELDING - CORRECTIVE ACTIONS TO ASSURE ACCESS.....	C	C
*II.B.2.3	F011	PLANT SHIELDING - PLANT MODIFICATIONS (LL CAT B).....	C	C
*II.B.2.4		PLANT SHIELDING - EQUIPMENT QUALIFICATION- NOT TRACKED AS A TMI ACTION ITEM.....	C	C
*II.B.3.1		POSTACCIDENT SAMPLING - INTERIM SYSTEM.....	C	C
*II.B.3.2		POSTACCIDENT SAMPLING - CORRECTIVE ACTIONS.....	C	C
*II.B.3.3		POSTACCIDENT SAMPLING - PROCEDURES.....	C	C
*II.B.3.4	F012	POSTACCIDENT SAMPLING - PLANT MODIFICATIONS (LL CAT B).....	C	C
II.B.4.1	F013	TRAINING FOR MITIGATING CORE DAMAGE - DEVELOP TRAINING PROGRAM.....	C	C
*II.B.4.2.A	F013	TRAINING FOR MITIGATING CORE DAMAGE - INITIAL.....	C	C
*II.B.4.2.B	F013	TRAINING FOR MITIGATING CORE DAMAGE - COMPLETE.....	C	C
II.D.1.1		RELIEF & SAFETY VALVE TEST REQUIREMENTS - SUBMIT PROGRAM.....	C	C
*II.D.1.2.A		RELIEF & SAFETY VALVE TEST REQUIREMENTS - COMPLETE TESTING.....	C	C
*II.D.1.2.B	F014	RELIEF & SAFETY VALVE TEST REQUIREMENTS - PLANT SPECIFIC REPORT.....	C	C
II.D.1.3		RELIEF & SAFETY VALVE TEST REQUIREMENTS - BLOCK-VALVE TESTING.....	C	C
*II.D.3.1		VALVE POSITION INDICATION - INSTALL DIRECT INDICATIONS OF VALVE POS.....	C	C
*II.D.3.2		VALVE POSITION INDICATION - TECH SPECS.....	C	C
*II.E.1.1.1	F015	AFS EVALUATION-ANALYSIS.....	C	C
(SEE NOTE 1)				
*II.E.1.1.2	F015	AFS EVALUATION-SHORT TERM MODS.....	C	C
(SEE NOTE 2)				
II.E.1.1.3	F015	AFS -LONG TERM MODS.....		
(SEE NOTE 3)				

Unit 1
open - Awaiting PENDING

NOTE 1 - THE ITEM LISTED IS FROM NUREG-0737, ENCLOSURE 2 AND IS APPLICABLE TO NTOLS'S ONLY
NOTE 2 - THE ITEM LISTED IS FOR ALL PLANTS (OPERATING REACTORS AND NTOL'S)
NOTE 3 - THE ITEM LISTED IS FOR ALL PLANTS (OPERATING REACTORS AND NTOL'S)

ISSUE NUMBER	MULTI-PLANT ACTION NO.	ISSUE TITLE	LICENSEE IMPLEMENTATION STATUS	
II.E.1.2.1.A		AFS INITIATION & FLOW-CONTROL GRADE.....	U2	U3
II.E.1.2.1.B	F016	AFS INITIATION & FLOW - SAFETY GRADE.....	C	C
II.E.1.2.2.A		AFS INITIATION & FLOW - FLOW INDICATION CONTROL GRADE.....	C	C
*II.E.1.2.2.B		AFS INITIATION & FLOW - LL CAT A TECH SPECS.....	C	C
*II.E.1.2.2.C	F017	AFS INITIATION & FLOW - SAFETY GRADE.....	C	C
*II.E.3.1.1		EMERGENCY POWER FOR PRESSURIZER HEATERS - UPGRADE POWER SUPPLY.....	C	C
*II.E.3.1.2		EMERGENCY POWER FOR PRESSURIZER HEATERS - TECH SPECS.....	C	C
II.E.4.1.1		DEDICATED HYDROGEN PENETRATIONS - DESIGN.....	N/A	N/A
*II.E.4.1.2		DEDICATED HYDROGEN PENETRATIONS - REVIEW & REVISE H2 CONTROL PROC.....	N/A	N/A
*II.E.4.1.3	F018	DEDICATED HYDROGEN PENETRATION - INSTALL.....	C	C
II.E.4.2.1-4		CONTAINMENT ISOLATION DEPENDABILITY - IMP. DIVERSE ISOLATION.....	C	C
*II.E.4.2.5.A		CONTAINMENT ISOLAT. DEPENDABILITY - CNTMT PRESS. SETPT. SEECIFY PRESS.....	C	C
*II.E.4.2.5.B		CONTAINMENT ISOLATION DEPENDABILITY - CNTMT PRESSURE SETPT. MODS.....	C	C
II.E.4.2.6	F019	CONTAINMENT ISOLATION DEPENDABILITY - CNTMT PURGE VALVES.....	C	C
II.E.4.2.7	F019	CONTAINMENT ISOLATION DEPENDABILITY - RADIATION SIGNAL ON PURGE VALVES.....	C	C
*II.E.4.2.8		CONTAINMENT ISOLATION DEPENDABILITY - TECH SPECS.....	C	C
*II.F.1.1	F020	ACCIDENT - MONITORING - PROCEDURES.....	C	C
*II.F.1.2.A	F020	ACCIDENT - MONITORING - NOBLE GAS MONITOR.....	C	C
*II.F.1.2.B	F021	ACCIDENT - MONITORING - IODINE/PARTICULATE SAMPLING.....	C	C
*II.F.1.2.C	F022	ACCIDENT - MONITORING - CONTAINMENT HIGH-RANGE MONITOR.....	C	C
*II.F.1.2.D	F023	ACCIDENT - MONITORING - CONTAINMENT PRESSURE.....	C	C
*II.F.1.2.E	F024	ACCIDENT - MONITORING - CONTAINMENT WATER LEVEL.....	C	C
*II.F.1.2.F	F025	ACCIDENT - MONITORING - CONTAINMENT HYDROGEN.....	C	C
*II.F.2.1		INSTRUMENTATION FOR DETECT. OF INADEQUATE CORE COOLING - PROCEDURES.....	C	C
*II.F.2.2		INSTRUMENTATION FOR DETECT. OF INADEQUATE CORE COOLING - SUBCOOL METER.....	C	C
*II.F.2.3	F026	INSTRUMENTATION FOR DETECT. OF INADEQUATE CORE COOLING - DESC. OTHER.....	C	C
*II.F.2.4	F026	INSTRUMENTATION FOR DETECT. OF INADEQUATE CORE CLING INSTLL ADD'L INSTRUMENTATION.....	NC	NC
*II.G.1.1		POWER SUPP. FOR PRESSURIZER RELIEF, BLOCK VALVES & LEVEL IND. - UPGRADE.....	C	C
*II.G.1.2		POWER SUPP. FOR PRESSURIZER RELIEF, BLOCK VALVES & LEVEL IND. - TECH SP.....	C	C
II.K.1 (Oper. Reactors Only)		IE BULLETINS - 79-05, 79-06, 79-08.....		

ISSUE NUMBER	MULTI-PLANT ACTION NO.	ISSUE TITLE	LICENSEE IMPLEMENTATION STATUS	
*II.K.1.5		IE BULLETINS - REVIEW ESF VALVES.....	U2	U3
*II.K.1.10		IE BULLETINS - OPERABILITY STATUS.....	C	C
*II.K.1.20		IE BULLETINS - PROMPT MANUAL REACTOR TRIP.....	N/A	N/A
*II.K.1.21		IE BULLETINS - AUTO SG ANTICIPATORY REACTOR TRIP.....	N/A	N/A
*II.K.1.22		IE BULLETINS - AUX. HEAT REM SYSTEM, PROC.....	N/A	N/A
*II.K.1.23		IE BULLETINS - RV LEVEL, PROCEDURES.....	N/A	N/A
*II.K.2.2		ORDERS ON B&W PLANTS - PROCEDURES TO CONTROL AFW IND OF ICS.....	N/A	N/A
*II.K.2.8		ORDERS ON B&W PLANTS - UPGRADE AFW SYSTEM.....	N/A	N/A
II.K.2.9	F027	ORDERS ON B&W PLANTS - FEMA ON ICS.....	N/A	N/A
II.K.2.10	F028	ORDERS ON B&W PLANTS - SAFETY-GRADE TRIP.....	N/A	N/A
*II.K.2.11	F029	ORDERS ON B&W PLANTS - OPERATOR TRAINING.....	N/A	N/A
II.K.2.13	F030	ORDERS ON B&W PLANTS - THERMAL MECHANICAL REPORT (CE & W PLANTS ALSO).....	C	C
II.K.2.14	F031	ORDERS ON B&W PLANTS - LIFT FREQUENCY OF PORV'S & SV's.....	N/A	N/A
II.K.2.15		ORDERS ON B&W PLANTS - EFFECTS OF SLUG FLOW.....	N/A	N/A
II.K.2.16	F032	ORDERS ON B&W PLANTS - RCP SEAL DAMAGE.....	N/A	N/A
II.K.2.17	F033	ORDERS ON B&W PLANTS - VOIDING IN RCS (CE & W PLANTS ALSO).....	C	C
II.K.2.19		BENCHMARK ANALYSIS OF SEQUENTIAL AFW FLOW TO ONCE THROUGH STM GENERATOR.....	N/A	N/A
*II.K.2.20	F035	ORDERS ON B&W PLANTS - SYSTEM RESPONSE TO SB LOCA.....	N/A	N/A
*II.K.3.1.A	F036	B&O TASK FORCE - AUTOMATIC PORV ISOLATION DESIGN.....	N/A	N/A
*II.K.3.1.B		FINAL RECOMMENDATIONS, B&O TASK FORCE - AUTO PORV ISO TEST/INSTALL.....	N/A	N/A
II.K.3.2	F037	B&O TASK FORCE - REPORT ON PORV FAILURES.....	C	C
II.K.3.3	F038	B&O TASK FORCE - REPORTING SV & RV FAILURES AND CHALLENGES.....	C	C
II.K.3.5.A	F039	B&O TASK FORCE - AUTO TRIP OF RCP'S PROPOSED MODIFICATIONS.....	NC	NC
II.K.3.5.B	F039	B&O TASK FORCE - AUTO TRIP OF RCP'S MODIFICATIONS.....	NC	NC
II.K.3.7		B&O TASK FORCE - EVALUATION OF PORV OPENING PROBABILITIES.....	N/A	N/A
II.K.3.9	F040	B&O TASK FORCE - PID CONTROLLER MODIFICATION.....	N/A	N/A
II.K.3.10	F041	B&O TASK FORCE - PROPOSED ANTICIPATORY TRIP MODIFICATIONS.....	N/A	N/A
II.K.3.11		B&O TASK FORCE - JUSTIFY USE OF CERTAIN PORV.....	N/A	N/A
II.K.3.12.A		B&O TASK FORCE - ANTICIPATORY TRIP ON TURBINE TRIP PROPOSED MODS.....	N/A	N/A
II.K.3.12.B	F042	B&O TASK FORCE - ANTICIPATORY TRIP ON TURBINE TRIP INSTALL MODS.....	N/A	N/A
II.K.3.13.A	F043	B&O TASK FORCE - HPCI & RCIC SYSTEM INITIATION LEVELS ANALYSIS.....	N/A	N/A
II.K.3.13.B	F043	B&O TASK FORCE - HPCI & RCIC INITIATION LEVELS MODIFICATION.....	N/A	N/A

ISSUE NUMBER	MULTI-PLANT ACTION NO.	ISSUE TITLE	LICENSEE IMPLEMENTATION STATUS	
			02	03
*II.K.3.14	F044	B&O TASK FORCE - ISO CONDENSER ISOLATION ON HIGH RAD.....	N/A	N/A
II.K.3.15	F045	B&O TASK FORCE - MODIFY HPCI & RCIC BRK DETECTION CIRCUITRY.....	N/A	N/A
II.K.3.16A	F046	B&O TASK FORCE - CHALLENGE & FAILURE OF RELIEF VALVES STUDY.....	N/A	N/A
II.K.3.16.B	F046	B&O TASK FORCE - CHALLENGE & FAILURE OF RELIEF VALVES MODIFICATIONS.....	N/A	N/A
II.K.3.17	F047	B&O TASK FORCE - ECC SYSTEM OUTAGES.....	C	C
II.K.3.18.A	F048	B&O TASK FORCE - ADS ACTUATION STUDY.....	N/A	N/A
II.K.3.18.B	F048	B&O TASK FORCE - ADS ACTUATION PROPOSED MODIFICATIONS.....	N/A	N/A
II.K.3.18.C	F048	B&O TASK FORCE - ADS ACTUATION MODIFICATIONS.....	N/A	N/A
*II.K.3.19	F049	B&O TASK FORCE - INTERLOCK RECIRCULATORY PUMP MODIFICATIONS.....	N/A	N/A
*II.K.3.20		B&O TASK FORCE - LOSS OF SVC WATER AT BRP.....	N/A	N/A
II.K.3.21.A	F050	B&O TASK FORCE - RESTART OF CSS & LPCI LOGIC DESIGN.....	N/A	N/A
II.K.3.21.B	F050	B&O TASK FORCE - RESTART OF CSS & LPCI LOGIC DESIGN MODIFICATIONS.....	N/A	N/A
II.K.3.22.A	F051	B&O TASK FORCE - RCIC SUCTION VERIFICATION PROCEDURES.....	N/A	N/A
II.K.3.22.B	F051	B&O TASK FORCE - RCIC SUCTION MODIFICATION.....	N/A	N/A
II.K.3.24	F052	B&O TASK FORCE - SPACE COOLING FOR HPCI/RCI LOSS OF AC POWER.....	N/A	N/A
II.K.3.25.A		B&O TASK FORCE - POWER ON PUMP SEALS PROPOSED MODIFICATIONS.....	NC	NC
II.K.3.25.B	F053	B&O TASK FORCE - POWER ON PUMP SEALS MODIFICATIONS.....	NC	NC
II.K.3.27	F054	B&O TASK FORCE - COMMON REFERENCE LEVEL FOR BWRS.....	N/A	N/A
II.K.3.28	F055	B&O TASK FORCE - QUALIFICATION OF ADS ACCUMULATORS.....	N/A	N/A
*II.K.3.29	F056	B&O TASK FORCE - PERFORMANCE OF ISOLATION CONDENSERS.....	N/A	N/A
II.K.3.30.A		B&O TASK FORCE - SCHEDULE FOR OUTLINE OF SB LOCA MODEL.....	C	C
II.K.3.30.B	F057	B&O TASK FORCE - SB LOCA MODEL, JUSTIFICATION.....	C	C
II.K.3.30.C		B&O TASK FORCE - SB LOCA METHODS NEW ANALYSES.....	C	C
II.K.3.31	F058	B&O TASK FORCE - COMPLIANCE WITH CFR 50.46.....	C	C
*II.K.3.40		B&O TASK FORCE - RCP SEAL DAMAGE - COVERED BY II.K.2.16 AND II.K.3.25.....	N/A	N/A
*II.K.3.43		B&O TASK FORCE - EFFECTS OF SLUG FLOW - COVERED BY II.K.2.15.....	N/A	N/A
II.K.3.44	F059	B&O TASK FORCE - EVALUATE TRANSIENT WITH SINGLE FAILURE.....	N/A	N/A
II.K.3.45	F060	B&O TASK FORCE - ANALYSES TO SUPPORT.....	N/A	N/A
II.K.3.46	F061	RESPONSE TO LIST OF CONCERNS FROM ACRS CONSULTANT.....	N/A	N/A
*II.K.3.57	F062	IDENTIFY WATER SOURCES PRIOR TO MANUAL ACTIVATION OF ADS.....	N/A	N/A
III.A.1.1		EMERGENCY PREPAREDNESS, SHORT TERM.....	C	C

ISSUE NUMBER	MULTI-PLANT ACTION NO.	ISSUE TITLE	LICENSEE IMPLEMENTATION STATUS	
III.A.1.2.1		UPGRADE EMERGENCY SUPPORT FACILITIES - INTERIM TSC OSC & EOF.....	U2	U3
III.A.1.2.2		UPGRADE EMERGENCY SUPPORT FACILITIES-DESIGN-INCORP. INTO F063/F064/F065.....	C	C
(SEE F063, F064, F065)		UPGRADE EMER SUPPORT FACILITIES - MODS INCORPOR. INTO F063, F064 & F065.....	C	C
III.A.1.2.3		UPGRADE PREPAREDNESS - UPGRADE EMERGENCY PLANS TO APP. 10 CFR 50.....	C	C
(SEE F063, F064, F065)		UPGRADE PREPAREDNESS - METEOROLOGICAL DATA.....	C	C
III.A.2.1	F067	PRIMARY COOLANT OUTSIDE CONTAINMENT - LEAK REDUCTION.....	NC	NC
III.A.2.2	F068	PRIMARY COOLANT OUTSIDE CONTAINMENT - TECH SPECS.....	C	C
*III.D.1.1.1		INPLANT RAD. MONIT. - PROVIDE MEANS TO DETER. PRESENCE OF RADIOIODINE.....	C	C
*III.D.1.1.2		INPLANT RADIATION MONIT. - MODIFICATIONS TO ACCURATELY MEAS. IODINE.....	N/A	N/A
III.D.3.3.1	F069	CONTROL ROOM HABITABILITY - REVIEW.....	P/A	N/A
III.D.3.3.2	F070	CONTROL ROOM HABITABILITY - SCHEDULE MODIFICATIONS.....	C	C
*III.D.3.4.1	F070	CONTROL ROOM HABITABILITY - IMPLEMENT MODIFICATIONS.....	C	C
*III.D.3.4.2		I.D.1.1 DETAILED CONTROL ROOM DESIGN REVIEW PROGRAM PLAN.....	C	C
*III.D.3.4.3		III.A.1.2 TECHNICAL SUPPORT CENTER.....	C	C
MPA-F008	F008	III.A.1.2 OPERATIONAL SUPPORT CENTER.....	C	C
MPA-F063	F063	III.A.1.2 EMERGENCY OPERATIONS FACILITY.....	C	C
MPA-F064	F064	I.D.1.2 DETAILED CONTROL ROOM REVIEW (FOLLOWUP TO F-8).....	N/A	N/A
MPA-F065	F065	NUREG-0737 TECH SPECS (GENERIC LETTERS 82-16 & 83-02).....	C	C
MPA-F071	F071	TECH SPEC COVERED BY GENERIC LETTERS 83-26 & 83-37 FOR.....	C	C
MPA-B072	B072	REACTOR COOLANT PUMP TRIP (GENERIC LETTER 85-12).....	C	C
MPA-B083	B083			
67.4.1	G001			

→ Hardware changes i.e. rearranging instrumentation on panels in accordance with schedule contained
SCE's letter dated 7/15/87