

DEC 12 1985

MEMORANDUM FOR: Harold R. Denton, Director
Office of Nuclear Reactor Regulation

FROM: Gary M. Holahan, Director
Operating Reactors Assessment Staff

SUBJECT: SUMMARY OF THE OPERATING REACTORS EVENTS
MEETING ON DECEMBER 2, 1985 - MEETING 85-25

On December 2, 1985, an Operating Reactor Events meeting (85-25) was held to brief the Office Director, the Division Directors and their representatives on events which occurred since our last meeting on November 25, 1985. The list of attendees is included as Enclosure 1.

The events discussed and the significant elements of these events are presented in Enclosure 2. In addition, the assignment of follow-up review responsibility was discussed. The assignments made during this meeting and the status of previous assignments are presented in Enclosure 3.

Completion dates have been assigned for items in Enclosure 3. Each assignee should review Enclosure 3 with regard to their respective responsibilities. Note that several assignees are approaching the due date. Please be responsive and advise ORAB (D. Tarnoff, x29526) if the target completion date cannot be met.

Original Signed By:

Gary M. Holahan, Director
Operating Reactors Assessment Staff

Enclosures:
As stated

cc w/encl:
See next page

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GHolahan
12/11/85

8512230222 851212
PDR ADOCK 0000206
S PDR

50-206
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50-302
50-323

IDR-5-1
OPERATING
EXPERIENCE



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

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A handwritten signature in cursive script, reading "Gary M. Holahan", is positioned above the typed name.

Gary M. Holahan, Director
Operating Reactors Assessment Staff

Enclosures:
As stated

cc w/encl:
See next page

Harold R. Denton

- 2 -

cc: D. Eisenhut
J. Taylor
C. Heltemes
T. Murley, Reg. I
J. Nelson Grace, Reg. II
J. Keppler, Reg. III
R. D. Martin, Reg. IV
J. B. Martin, Reg. V
R. Starostecki, Reg. I
R. Walker, Reg. II
C. Norelius, Reg. III
E. Johnson, Reg. IV
D. Kirsch, Reg. V
H. Thompson
F. Miraglia
R. Bernero
T. Speis
W. Russell
T. Novak
F. Schroeder
W. Houston
B. Sheron
D. Ziemann
J. Knight
D. Crutchfield
G. Lainas
V. Benaroya
W. Regan
D. Vassallo
E. Jordan
E. Rossi
R. Baer
E. Weiss
R. Hernan
K. Seyfrit

H. Silver
R. Dudley
J. Thoma
J. Stolz
G. Lear
S. Varga
H. Schierling

ENCLOSURE 1

LIST OF ATTENDEESOPERATING REACTORS EVENTS BRIEFING (85-25)DECEMBER 2, 1985

<u>Name</u>	<u>Division</u>	<u>Name</u>	<u>Division</u>
H. R. Denton	NRR	R. Dudley	PAD#1/NRR
D. G. Eisenhower	NRR	C. Grimes	ISAPD/NRR
G. M. Holahan	ORAS/NRR	J. T. Beard	ORAS/NRR
M. J. Virgilio	ORAS/NRR	T. S. Rotella	BWD1/NRR
M. Caruso	ORAS/NRR	E. Jordan	IE
D. Houston	ACRS	R. L. Baer	IE/DEPER
F. Allenspach	FOB-B/NRR	T. P. Speis	OSRO/NRR
J. Stone	IE/VPB	F. Rowsome	HFIB/DHFT/NRR
J. Henderson	IE/DEPER	J. Stolz	PD-6/NRR
H. Silver	ORB4/DL/NRR	H. L. Thompson	PWR-A/NRR
B. Regan	FOP/PWR-B/NRR	J. P. Knight	PWR-A/NRR
T. M. Novak	PWR-A/NRR	F. Schroeder	PWR-B/NRR
D. Crutchfield	PWR-B/NRR	R. Bernero	DBL/NRR
E. Weinkam	TOSB/NRR	F. J. Miraglia	PWR-B/NRR
S. Black	TOSB/NRR	J. A. Zwolinski	OBLPD#1/NRR
B. Mozafari	ORB4/DL/NRR	J. O. Thoma	PD-6/NRR
J. Lyons	PPAS/NRR	H. Schierling	PWR-A/NRR
J. E. Dyer	IE/ORPB	D. Tarnoff	ORAS/NRR
J. Shapaker	PSB-A/NRR		
J. Singh	PSB-A/NRR		
W. P. Gammill	BSB-A/NRR		
V. Benaroya	FOB-A/NRR		
S. Long	DEPER/IE		
H. Bailey	DEPER/IE		
S. Varga	PWR-A/NRR		
R. Freeman	AGOD/ROAB		
K. Seyfrit	AEOD		
T. Sullivan	PEBA/NRR		
G. Lear	PD#1/NRR		
H. L. Serkiz	DSKO/NRR		

OPERATING REACTORS EVENTS BRIEFING (85-25)

DECEMBER 2, 1985

SAN ONOFRE UNIT 1

LOSS OF OFFSITE POWER AND FEEDWATER
SYSTEM DAMAGE - UPDATE NO. 1

CRYSTAL RIVER UNIT 3

MFW FAILURE/AFW ACTUATION/REACTOR TRIP

DIABLO CANYON UNIT 2

APPARENT REACTOR TRIP
BREAKER FAILURE

TMI UNIT 1

REACTOR TRIP ON OVERPRESSURE

SAN ONOFR: UNIT 1 - LOSS OF OFF-SITE POWER
AND FEEDWATER SYSTEM DAMAGE - UPDATE NO. 1
NOVEMBER 21, 1985 (R. DUDLEY, NRR)

- PROBLEM:

- ° LOSS OF OFFSITE POWER AND FEEDWATER SYSTEM DAMAGE AND LEAK CAUSED BY WATER HAMMER

- SIGNIFICANCE:

- ° COMPLICATED WATER HAMMER EVENT NOT YET FULLY UNDERSTOOD; POSSIBLE GENERIC IMPLICATIONS

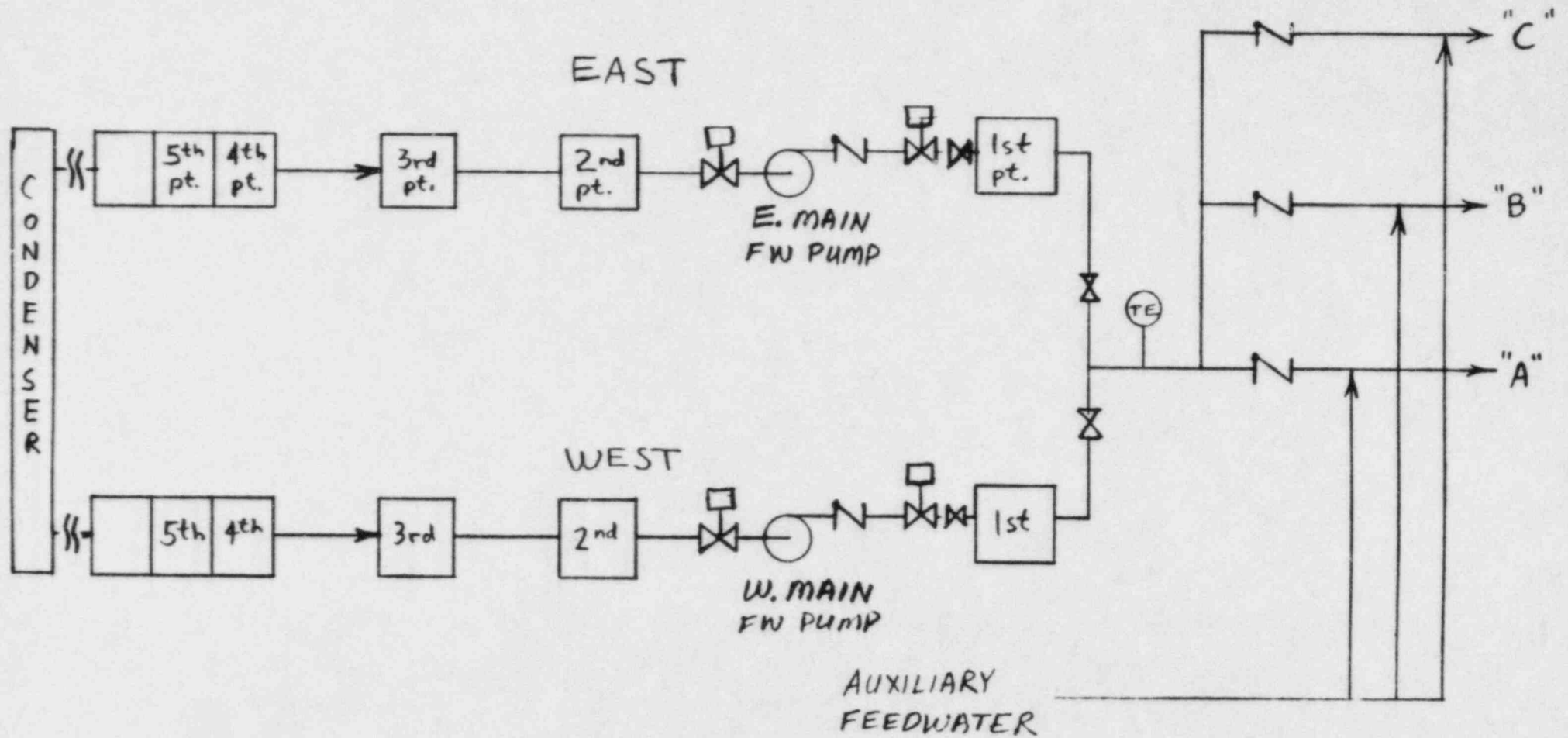
- CIRCUMSTANCES:

- ° LOSS OF AUX, TRANSFORMER C DE-ENERGIZED SAFETY BUS 2C AND EAST MAIN FEEDWATER PUMP (ELECTRIC-DRIVEN)
- ° WEST MFW PUMP CONTINUED TO RUN SINCE POWERED FROM SAFETY BUS 1C
- ° IIT HYPOTHESIS IS THAT CHECK VALVE IN EAST MFW PIPING DIDN'T SEAT ALLOWING WEST MFW PUMP TO OVERPRESSURIZE EAST FW TRAIN
- ° TUBES IN 5TH-POINT FW HEATER RUPTURED, FAILING SHELL (15' X 2' HOLE)
- ° WEST MFW PUMP STOPPED ABOUT 30 SEC. LATER AFTER OPERATORS TRIPPED REACTOR
- ° TURBINE-DRIVEN AFW PUMP AUTO-STARTED ON LOW SG LEVEL AND FED STEAM GENERATORS AFTER 3 MIN. WARM-UP, AS DESIGNED

- 4 MIN. ° ELECTRIC DRIVEN AFW PUMP STARTS WHEN OFF-SITE POWER RESTORED. TOTAL AFW FLOW 100-150 GPM TO EACH SG.
- 6 MIN. ° AFW FLOW REDUCED TO ZERO, THEN INCREASED TO 25 GPM SINCE RCS COOLDOWN IS TOO RAPID. RCS PRESSURE WAS 1800 PSIG; SIAS SETPOINT IS 1750 PSIG.
- 15 MIN. ° LOUD BANG HEARD BY OPERATOR WHO ALSO OBSERVED STEAM ON TURBINE MEZZANINE LEVEL
 - ° IIT HYPOTHESIS IS THAT CHECK VALVE IN "B" FW TRAIN DIDN'T CLOSE. REDUCTION OF AFW FLOW ALLOWED STEAM BUBBLE FROM SG "B" TO FLOW INTO FW LINE. COLD AFW CONTACTED STEAM BUBBLE, CONDENSING IT RAPIDLY. SLUG OF WATER IN "B" FW LINE PULLED TOWARD DIRECTION OF CONDENSATION (TOWARD AFW SUPPLY) CAUSING WATER HAMMER IN DIRECTION AWAY FROM SG.
- FOLLOW-UP:
 - ° IIT LEFT SITE ON DECEMBER 1, AFTER NINE-DAY STAY; REPORT IS IN PREPARATION, DUE BY MID-JANUARY
 - ° TIA INITIATED BY R-V, TRANSFERRING WATER HAMMER EVALUATION TO NRR; PWR-A DIV. HAS TECHNICAL LEAD
 - ° LICENSEE EVALUATING CONDITION OF FW PIPING
 - ° NRR REVIEWING PAST SERs, ETC., WHICH MAY BE RELATED TO EVENT

SAN ONOFRE 1

FEEDWATER SYSTEM



CRYSTAL RIVER UNIT 3 - MFW FAILURE/AFW ACTUATION/REACTOR TRIP
NOVEMBER 22, 1985, (H. SILVER, NRR)

- PROBLEM:

- ° OPERATOR ERROR CAUSED PARTIAL MFW FAILURE, AFW ACTUATION AND REACTOR TRIP

- SIGNIFICANCE:

- ° INAPPROPRIATE PROCEDURES AND TRAINING (MFW LOW POWER OPERATION, AFW TERMINATION)
- ° POST-TRIP REVIEW PROCEDURES ALLOWED RESTART W/O FULL KNOWLEDGE OF THE EVENT
- ° UNNECESSARY AFW CHALLENGE
- ° SAFETY-SIGNIFICANT COMPONENTS MAY NOT BE FULLY OPERABLE

- CIRCUMSTANCES:

- ° PLANT AT 20% POWER, BEING SHUTDOWN TO REPAIR DROPPED ROD
- ° OPERATORS CAUSED LOW MFW FLOW IN ONE OTSG
- ° AFW ACTUATED PROPERLY, SECURED QUICKLY BY OPERATORS (DIFFICULTY IN CLOSING AFW STEAM ADMISSION VALVE),
- ° LOW SG LEVEL CAUSED REACTOR TRIP ON HIGH PRESSURE
- ° PORV FAILED TO OPEN ON COMMAND, AND SUBSEQUENTLY THE BLOCK VALVE WAS CLOSED.
- ° AFTER TRIP, AFW STEAM ADMISSION VALVE OPENED SPURIOUSLY, CAUSING MILD OVERCOOLING EVENT

- FOLLOWUP:

- ° OPERATORS BEING TRAINED ON APPROPRIATE ACTIONS - MFW AND AFW (LICENSEE)
- ° MONTHLY AFW SURVEILLANCE TEST SATISFACTORILY PERFORMED, STEAM ADMISSION VALVE PROBLEM BEING STUDIED, (LICENSEE)
- ° PORV PROBLEM IDENTIFIED, BEING REPAIRED (LICENSEE)
- ° RESTART REVIEW PROCEDURES BEING MODIFIED (LICENSEE)
- ° REG. II CONSIDERING ENFORCEMENT ACTION RE INFO, FLOW AND POST-TRIP REVIEW

DIABLO CANYON UNIT 2 - APPARENT REACTOR TRIP BREAKER FAILURE
NOVEMBER 28, 1985, (J. T. BEARD, NRR)

PROBLEM: ONE RTB TRIPPED; OTHER RTB DID NOT TRIP

SIGNIFICANCE: INADVERTENT PLANT TRIP

CIRCUMSTANCES:

- ° RTBs ARE W TYPE DB-50. UNLIKE D. C. COOK PLANT, RTB AUTO-SHUNT TRIP FEATURE IS INSTALLED AT THIS PLANT.
- ° PLANT AT 0.5% GETTING READY TO LATCH TURBINE; I&C REPAIR ACTIONS HAD S/G #2 LEVEL CHANNEL TRIPPED (LEAKING ROOT VALVE)
- ° WHEN TURBINE STOP VALVES OPENED, GOT INRUSH OF STEAM FLOW
- ° MOMENTARY REACTOR TRIP SIGNAL ON STEAM FLOW/FEED FLOW MISMATCH AND S/G LEVEL LOW.
- ° RTB "A" OPENED; RTB "B" DID NOT; RODS INSERTED. PLANT MANUALLY SCRAMMED PER PROCEDURE (RTB "B" OPENED)

FOLLOWUP:

- ° POST-TRIP TESTING DETERMINED:
 - TRIP SIGNAL VERY BRIEF (LESS THAN 30 MILLISECONDS)
 - RTB "A" TRIPS CONSISTENTLY ON SIGNAL OF 20 MILLISECONDS
 - RTB "B" TRIPS CONSISTENTLY ON SIGNAL OF 40 MILLISECONDS OR LONGER
 - IEB 85-02 UVTA TRIP FORCE MARGIN TESTS SUCCESSFUL
 - RTBs PERFORM SATISFACTORILY
- ° OPERATING STAFF HAD NOTICED "FLICKER" OF BISTABLE LIGHTS ON FLOW MISMATCH ON PREVIOUS TURBINE LATCHES.
- ° PLANT RE-STARTED ON NOVEMBER 30, 1985

TMI UNIT 1 - REACTOR TRIP ON OVERPRESSURE
DECEMBER 1, 1985 (JOHN THOMA, NRR)

- PROBLEM: REACTOR TRIPPED ON OVERPRESSURE. STEAM GENERATOR CODE SAFETIES LIFTED, AS EXPECTED. LICENSEE REPORTED A RELEASE OF SMALL AMOUNTS OF RADIOACTIVITY TO THE ENVIRONMENT AND MEDIA INTEREST OCCURRED. LICENSEE HAS PREVIOUSLY EXPERIENCED SAME TYPE EVENT, ALSO WITH THE SAME MEDIA INTEREST
- SIGNIFICANCE: MEDIA INTEREST
- CIRCUMSTANCES:
 - ° PLANT OPERATING AT 75% POWER PER START-UP PROGRAM
 - ° LOAD DISPATCHER ALLOWED GRID VOLTAGE TO DRIFT HIGH IN THE ALLOWED BAND. PROTECTIVE RELAY MONITORING GRID VOLTAGE OFF THE MAIN TRANSFORMER SENSED AN OVERVOLTAGE CONDITION AND TRIPPED THE MAIN GENERATOR OUTPUT BREAKERS.
 - ° TURBINE-GENERATOR TRIP LED TO AN AUTOMATIC TRIP ON RCS HIGH PRESSURE AT 2 A.M.
 - DURING TRANSIENT, OTSG SAFETIES OPENED AS DESIGNED.
 - LICENSEE REPORTED A SMALL RADIOACTIVE RELEASE TO ENVIRONMENT. MEASURED PRIMARY TO SECONDARY LEAKAGE BASED ON GRAB SAMPLES WAS 0.08 GPH ON NOVEMBER 30. T.S. LIMIT IS 1 GPM (60 GPH).
 - TRIP RECOVERY WAS NORMAL
 - ° AFFECTED RELAY SETPOINT DETERMINED TO BE LOW; RELAY REPLACED. WHILE SHUT DOWN, LICENSEE REPAIRED THREE FEEDWATER VALVES.
 - ° RX CRITICAL AT 2 P.M. BUT REMAINED LESS THAN 1% POWER UNTIL 8 P.M. WHILE COMPLETING FEEDWATER VALVE REPAIRS.
 - ° BY 4 A.M. DECEMBER 2, 1985, THE PLANT WAS AT 71% POWER.
- FOLLOWUP:
 - ° LICENSEE INVESTIGATING CAUSE OF RELAY SETPOINT BEING LOW BUT EXACT CAUSE MAY NOT BE FOUND.
 - ° DURING SHUTDOWN, RECURRENCE OF EARLIER PROBLEM; THAT IS OTSG "A" SAFETY VALVES OPENED MORE THAN EXPECTED (3 TIMES VICE ONCE FOR OTSG "B"). OPERATIONAL PROBLEM UNDER INVESTIGATION BY LICENSEE.
 - ° PLANT CURRENTLY LIMITED TO 71% REACTOR POWER DUE TO REACHING B & W OPERATIONAL LIMIT ON OTSG LEVEL. LICENSEE AND B & W IN NEGOTIATIONS TO RESOLVE OTSG LEVEL LIMITATION.

SCRAM STATISTICS-WEEK ENDING 12/01/85 (SUN, MIDNIGHT)

I. PLANT SPECIFIC DATA (1)

SCRAM <u>DATE</u>	<u>PLANT</u>	INITIAL <u>POWER</u>	<u>CAUSE</u>	TOTAL ** TO DATE <u>THIS YEAR</u>	COMPLICATIONS <u>REPORTED (2)</u>
11/25/85	GINNA	100%	EQUIP.-BOP	*	NO
11/25/85	COOK I	78%	PERSONNEL	*	AFW PUMP
11/26/85	DIABLO 2	75%	EQUIP.-BOP	*	SI INIT.
11/28/85	DIABLO 2	1%	EQUIP.-BOP	*	TRIP BKR, FAILURE
11/28/85	RIVER BEND	3%	EQUIP.-BOP	*	NO
11/29/85	INDIAN PT. 3	100%	PERSONNEL	*	NO
11/29/85	PCH. BOTTOM 2	30%	EQUIP.-BOP	*	NO
11/30/85	INDIAN PT. 3	11%	PERSONNEL	*	NO
11/30/85	INDIAN PT. 3	0%	EQUIP. -INST.	*	NO
12/01/85	DIABLO 2	40%	EQUIP. -BOP	*	NO
12/01/85	TMI-1	75%	EQUIP. -BOP	*	NO

*WILL COMMENCE THIS COUNT ON 1/1/86

**AVERAGE ANNUAL SCRAM FREQUENCY IN 1984 WAS 5.9 TRIPS/PLANT/YEAR (4)

II. COMPARISON OF WEEKLY STATISTICS WITH INDUSTRY AVERAGES

<u>ITEM</u>	<u>SCRAMS IN WEEK ENDING 12/01/85⁽⁵⁾</u>	<u>NORMALIZED '84 WEEK, AVER.^(3,6)</u>	
SCRAMS ABOVE 15% POWER			
EQUIP. RELATED	5.0	4.3 (60%)	
PERS. RELATED ⁽⁷⁾	2.0	2.0 (28%)	
OTHER ⁽⁸⁾	<u>0.0</u>	<u>0.9 (12%)</u>	
SUBTOTAL	7.0	7.2	(68%)
SCRAMS BELOW 15% POWER			
EQUIP. RELATED	3.0	1.6 (46%)	
PERS. RELATED	1.0	1.6 (46%)	
OTHER	<u>0.0</u>	<u>.22 (8%)</u>	
SUBTOTAL	4.0	3.4	(32%)
<hr/>			
MANUAL SCRAMS ⁽⁹⁾	0.0	1.3	
AUTO. SCRAMS ⁽⁹⁾	<u>11.0</u>	<u>9.3</u>	
TOTAL AUTO. & MANUAL SCRAMS (ALL POWER LEVELS)	11.0	10.6	(100%)

NOTES

- (1) PLANT SPECIFIC DATA BASED ON INITIAL REVIEW OF 50.72 REPORTS FOR THE WEEK OF INTEREST. PERIOD IS MIDNIGHT SUN, THROUGH MIDNIGHT SUN. SCRAMS ARE DEFINED AS REACTOR PROTECTIVE ACTUATIONS WHICH RESULT IN ROD MOTION, AND EXCLUDE PLANNED TESTS OR SCRAMS AS PART OF PLANNED SHUTDOWN IN ACCORDANCE WITH A PLANT PROCEDURE.
- (2) RECOVERY COMPLICATED BY EQUIPMENT FAILURES OR PERSONNEL ERRORS UNRELATED TO CAUSE OF SCRAM
- (3) 1984 INFORMATION DERIVED FROM AEOD TRENDS AND PATTERNS REPORT OF UNPLANNED REACTOR TRIPS IN 1984, DATED 9/11/85. (SEE TABLES 2.0-2, 2.1-4, AND 2.2-1) WEEKLY DATA DETERMINED BY TAKING TOTAL TRIPS IN A GIVEN CATEGORY AND DIVIDING BY 52 WEEKS/YEAR.
- (4) IN 1984, THERE WERE A TOTAL OF 492 AUTOMATIC AND MANUAL REACTOR TRIPS AT 83 REACTORS (HOLDING FULL POWER LICENSES). THIS YIELDS AN AVERAGE RATE OF 5.9 TRIPS PER REACTOR PER YEAR AND AN AVERAGE RATE OF 9.5 TRIPS PER WEEK FOR ALL REACTORS.
- (5) BASED ON 92 REACTORS HOLDING A FULL POWER LICENSE, AS OF 11/30/85.
- (6) NORMALIZED VALUES ALLOW COMPARISON TO 1985 DATA BY MULTIPLYING ACTUAL 1984 VALUE BY:
$$\frac{(92 \text{ REACTORS IN 1985})}{(83 \text{ REACTORS IN 1984})} = 1.11$$
- (7) PERSONNEL RELATED PROBLEMS, AS USED IN AEOD TRENDS AND PATTERNS REPORT, INCLUDE HUMAN ERROR, PROCEDURAL DEFICIENCIES, AND MANUAL STEAM GENERATOR LEVEL CONTROL PROBLEMS.
- (8) "OTHER" INCLUDES AUTOMATIC SCRAMS ATTRIBUTED TO SOME COMBINATION OF HARDWARE FAILURE AND HUMAN ERROR, ENVIRONMENTAL CAUSES (LIGHTNING), SYSTEM DESIGN, OR UNKNOWN CAUSE.
- (9) MANUAL SCRAMS ONLY AND AUTOMATIC SCRAMS ONLY ARE DERIVED FROM TOTAL AUTOMATIC AND MANUAL SCRAMS DATA PROVIDED IN TABLE 2.0-2 OF AEOD REPORT.

OPERATING REACTORS EVENTS MEETING FOLLOWUP ITEMS
AS OF MEETING 85-25 ON DECEMBER 2, 1985

(IN ASCENDING MEETING DATE, NSSS VENDOR, FACILITY ORDER)

MEETING NUMBER/ MEETING DATE	FACILITY NSSS VENDOR/ EVENT DESCRIP.	RESPONSIBLE DIVISION/ INDIVIDUAL	TASK DESCRIPTION	SCHEDULE COMPLET. DATE(S)	CLOSED DATE BY DOCUMENT, MEETING, ETC.	COMMENTS
01/03/85	CRYSTAL RIVER 3 BW / TEMP. LOSS OF NNI 12/28/84	ICSB/ROSA, F. /	CONSIDER NEED FOR ADDITIONAL REQUIREMENTS ON ALARMS / ANNUNCIATORS	12/30/85 09/30/85 07/30/85	OPEN / /	ICSB CONSIDERING OCCONEE 1 LOSS OF ANNUNCIATION. (4/25/85) IN ANAL. OF REQUIREMENTS.
85-12 07/23/85	SEABROOK W / CROSBY MAIN STEAM SAFETY VALVE FLOW DEFICIENCY 12/84	DSI /MARSH /	ANALYZE SAFETY IMPLICATIONS OF VALVE FLOW DEFICIENCY	12/06/85 10/30/85 09/30/85	CLOSED 12/04/85 11/22/85 MEMO R. BERNERO TO H. THOMPSON	
85-13 08/13/85	POINT BEACH W / SAFETY INJECTION MINI-FLOW RECIRC DESIGN DEFICIENCY	IE /LONG, S. ORAB/CARUSO, M.	DRAFT IE NOTICE ON PT. BEACH EVENT. CONSIDER TEMP. INSTR. FOR RES. INSPECTOR REGARDING COMPLIANCE WITH APP. K	12/13/85 10/18/85 09/13/85	OPEN / /	DRAFT IE NOTICE IN CONCURRENCE. NRR INPUT COMPLETE
85-13 08/13/85	TURKEY POINT 3 W / POST-TRIP LOSS OF AFM	DSI /PARR, D. /	REVIEW ADEQUACY OF GOVERNOR DESIGN ON TURBINE DRIVEN AFM PUMPS	01/05/86 10/13/85 / /	OPEN / /	
85-14 08/26/85	SEQUOYAH W / UNITS 1 & 2 VOLUNTARY SHUTDOWN BY TVA BECAUSE OF ED INADEQUACIES	DL ,STAHL C /	INITIATE STAFF REVIEW OF TVA SUBMITTALS	12/30/85 09/30/85 / /	OPEN / /	
85-15 09/09/85	PEACH BOTTOM 3 / NEW PIPE CRACK INDICATIONS	DE /LIAW B D DE /HAZELTON W	DETERMINE WHAT FUTURE ACTION NEEDED ON GENERIC BASIS	11/30/85 10/15/85 / /	CLOSED 12/05/85 DEC. 5, 1985 MEMO B.D. LIAW TO G. HOLAHAN	
85-21 10/28/85	TROJAN / INCORRECT SETPOINTS FOR TRIP OF AFM PUMPS ON LOW SUCTION PRESSURE	DSI /WERMIEL J /	REEXAMINE NEED FOR THIS INSTALLATION AND GENERIC APPLICABILITY	01/31/86 / / / /	OPEN / /	
85-22 11/04/85	GRAND GULF / RECIRCULATION PIPE CRACK	DE /HAZELTON W /	FOLLOWUP REGARDING GENERIC IMPLICATIONS AND ADEQUACY OF IHSI	12/04/85 / / / /	CLOSED 12/05/85 DEC. 5, 1985 MEMO B.D. LIAW TO G. HOLAHAN	

OPERATING REACTORS EVENTS MEETING FOLLOWUP ITEMS
AS OF MEETING 85-25 ON DECEMBER 2, 1985

(IN ASCENDING MEETING DATE, NSSS VENDOR, FACILITY ORDER)

MEETING NUMBER/ MEETING DATE	FACILITY NSSS VENDOR/ EVENT DESCRIP.	RESPONSIBLE DIVISION/ INDIVIDUAL	TASK DESCRIPTION	SCHEDULE COMPLET. DATE(S)	CLOSED DATE BY DOCUMENT, MEETING, ETC.	COMMENTS
85-22 11/04/85	MC GUIRE 1 & 2 / DUAL UNIT TRIP ON LOSS OF INSTRUMENT AIR	IE /R SINGH /	CONSIDER ISSUANCE OF AN IE NOTICE	12/20/85 11/20/85 / /	OPEN / /	
85-23 11/18/85	BROWNS FERRY / OFFSITE CONTAMIN. INCIDENT DURING EMERGENCY PLAN EXERCISE	IE /F KANTOR /	DISCUSS WITH FEMA NRC POSITION WITH REGARD TO EMERGENCY PLAN EXERCISE	12/18/85 / / / /	OPEN / /	