

MAY 14 1982

Certified By

DESIGNED ORIGINAL

MEMORANDUM FOR: Darrell G. Eisenhut, Director  
Division of Licensing

MAY 20 1982

M. GROTENHUIS

FROM: G.C. Lainas, Assistant Director  
for Safety Assessment  
Division of Licensing

SUBJECT: SUMMARY OF THE OPERATING REACTOR EVENTS MEETING  
ON MAY 5, 1982

On May 5, 1982, an Operating Reactor Event meeting was held to brief the Office Director, the Division Directors, and their representatives on events which occurred since the last meeting. The list of meeting attendees is included as Attachment 1.

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

The next Operating Reactor Events meeting is scheduled for May 19, 1982.

*J.C. Lainas*  
G.C. Lainas, Assistant Director  
for Safety Assessment  
Division of Licensing

Attachments:  
As stated

cc w/attachments:  
Meeting Attendees  
ORAB Members

H. Denton	T. Novak
E. Case	G. Lainas
R. Mattson	R. Tedesco
R. Vollmer	T. Ippolito
S. Hanauer	G. Holahan
T. Murley	H. Thompson
C. Michelson	M. Ernst
C. Heltemes	W. Inners
	L. Shao

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PDR

OFFICE	DL:ORAB/	DL:ORAB/SL	DL:ORAB	DL:AD/SA			
SURNAME	MCaruso:sh	GHolahan:sah	Tippel:sh	GLainas			
DATE	5/12/82	5/14/82	5/14/82	5/14/82			

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Attachment 1

MEETING ATTENDEES

H. Denton  
M. Conner  
M. Caruso  
T. Speis  
V. Rooney  
J. Carter  
M. Grotenhuis  
D. Muller  
R. Wessman  
E. Imbro  
B. Mills  
A. Pattou, IE  
C. Gould, IE  
F. Witt  
F. Schroeder  
T. Novak  
M. Fairtile  
R. Ramirez  
G. Holahan  
G. Lainas  
C. Nelson  
T. Ippolito



## OPERATING REACTORS EVENT BRIEFING

MAY 5, 1982

### ● HATCH 1 - UNPLANNED SHUTDOWN DUE TO CONDUCTIVITY INCREASE, APRIL 24, 1982 (MFAIRTILE)

- PLANT SHUTDOWN AFTER TECHNICAL SPECIFICATION LIMIT ON CONDUCTIVITY EXCEEDED ( $10 \mu\text{MHO}/\text{CM}$ )
- COOLANT PH DROPPED TO 4.0, CHLORIDES REACH HIGH OF 2.0 PPM
- 35 OUT OF 124 LOCAL POWER RANGE MONITOR CASINGS FAILED
- CAUSE OF EVENT THOUGHT TO BE RESIN LOSS FROM DEMINERALIZERS INTO RCS
- CHLORIDES REDUCED TO 1 PPM
- LICENSEE PREPARING RECOVERY PLAN AND RESPONSES TO STAFF CONCERNS OVER IMPACT OF OFF-NORMAL CHEMISTRY
- PM AND REGION II WILL MEET WITH LICENSEE PRIOR TO RE-START

### ● VERMONT YANKEE, APRIL 24, 1982 - REACTOR SCRAM WITH HPCI/RCIC ACTUATION (VROONEY)

- FEEDWATER REGULATOR VALVE CONTROL MALFUNCTIONS FEEDWATER PUMPS TRIP ON HIGH WATER LEVEL
- AUTO START OF STANDBY PUMP AND MANUAL RESTART OF TRIPPED FEEDWATER PUMPS INITIATED ON LOW LEVEL
- FEEDWATER PUMPS TRIP AGAIN ON HIGH WATER LEVEL
- AUTOMATIC REACTOR SCRAM ON LOW WATER LEVEL
- AUTOMATIC HPCI/RCIC AND D/G START AND MSIV CLOSURE ON LOW-LOW WATER LEVEL
- HPCI/RCIC TRIP ON HIGH WATER LEVEL
- MSIV'S MANUALLY REOPENED
- REACTOR WATER LEVEL NORMAL, PRESSURE AND TEMPERATURE STABILIZED
- ECCS INITIATION NOT NOTICED BY OPERATORS FOR 2 HOURS



*April 29, 1982*

- TURKEY POINT 3 AND 4 - TRIP OF BOTH UNITS RESULTING IN BLACKOUT OF 700,000 CUSTOMERS (MGROTEHUIS)
  - AT 4:50 PM GROUND FAULT ON UNIT 3 CONDENSATE PUMP RESULTED IN LOSS OF FW
  - UNIT 3 REACTOR TRIP ON LOW SG LEVEL
  - UNIT 3 STARTUP TRANSFORMER OUT-OF-SERVICE FOR MAINTENANCE, CAUSING DG START
  - SHEDDING OF NON-VITAL LOADS CAUSED A LOSS OF POWER TO A UNIT 4 ROD POSITION INDICATION PANEL WHICH WAS USING A NON-VITAL ALTERNATE POWER SOURCE BECAUSE OF A PREVIOUS INVERTER FAILURE
  - TURBINE RUNBACK CAUSED BY DROPPED ROD SIGNAL RESULTED IN A REACTOR TRIP AT 4:58 PM
  - GRID PERTURBATION RESULTED IN TWO FOSSIL UNITS TRIPPING AND A 20 TO 50 MINUTE BLACKOUT 700,000 CUSTOMERS
- SONGS-2, RCS LEAKAGE, APRIL 28, 1982 (HRood)
  - LEAKS DETECTED IN SI CHECK VALVES AND RC DRAIN TANK VALVES DURING POST CORE HOT FUNCTIONAL TESTS
  - 3.0 GPM LEAK IN ONE SI CHECK VALVE, ESTIMATED 20 GPM LEAK IN THE SECOND SI CHECK VALVE
  - PLANT SHUTDOWN IN ACCORDANCE WITH EMERGENCY OPERATIONS PROCEDURE FOR RCS LEAKAGE
- ST. LUCIE 1 - PRESSURIZER SPRAY CONTROL VALVE LEAK, APRIL 24, 1982 (CNELSON)
  - 20 GPM LEAK TO CONTAINMENT DETECTED AT 2:15 PM
  - LEAK ISOLATED BY MANUALLY CLOSING VALVES AT 3:30 PM
  - PLANT OPERATING WITH FULL CAPACITY REDUNDANT SPRAY LINE
  - WILL INSPECT AND REPAIR DURING OUTAGE SCHEDULED FOR MAY 5

