

Power Reactor | Event Number: 36750

FACILITY: BRUNSWICK REGION: 2 NOTIFICATION DATE: 03/03/2000  
 UNIT: [1] [] [] STATE: NC NOTIFICATION TIME: 10:38 [EST]  
 RXTYPE: [1] GE-4, [2] GE-4 EVENT DATE: 03/03/2000  
 NRC NOTIFIED BY: KEVIN SMALL / KEN HILL EVENT TIME: 09:50 [EST]  
 HQ OPS OFFICER: DICK JOLLIFFE LAST UPDATE DATE: 03/03/2000

EMERGENCY CLASS:		PERSON	ORGANIZATION
10 CFR SECTION:		LEN WERT	R2
AAEC 50.72 (a) (1) (I)		TAD MARSH	NRR
EMERGENCY DECLARED		FRANK CONGEL	IRO
COMM ASST BRIEF		KEN CIBOCH	FEMA

UNIT	SCRAM CODE	RX CRIT	INIT PWR	INIT RX MODE	CURR PWR	CURR RX MODE
1	N	N	0	Refueling	0	Refueling

EVENT TEXT

- UNUSUAL EVENT DECLARED DUE TO LOSS OF OFFSITE POWER TO 4 kV EMERGENCY BUSES (REFER TO EVENT #36751 AND EVENT #36752 FOR ADDITIONAL INFORMATION.) -

At 0950 on 03/03/00, with Unit 1 in a refueling outage, the licensee declared an Unusual Event due to a loss of offsite power to 4 kV emergency buses E-1 and E-2 due to a mispositioned switch during relay testing. All four emergency diesel generators (two for each unit) started; both Unit 1 EDGs are in operation powering buses E-1 and E-2. Shutdown cooling was lost but has been restored; spent fuel pool temperature is normal at 83pF. The licensee has suspended all fuel movement and is restoring power to systems that lost power. Unit 1 is stable. Unit 2, which is at 100% power, is unaffected by this event.

The licensee notified the NRC Resident Inspector and state and local officials.

\* \* \* UPDATE ON 3/3/00 @ 1226 BY HILL TO GOULD \* \* \*

WHILE ATTEMPTING TO COME OUT OF THE LOSS OF OFF SITE POWER CONDITION, THE PLANT HAD AN OVERCURRENT ALARM ON THE D/G-2, AND THEY LOST POWER FROM THE NORMAL AND EMERGENCY POWER SOURCES TO THE E-2 BUS AT 1200. THIS IN TURN RESULTED IN THE LOSS OF SHUT DOWN COOLING. SHUTDOWN COOLING WAS RESTORED AT 1218 WITH MINIMAL TEMPERATURE INCREASE. THEY ALSO HAD THE HALON SYSTEM ACTUATION IN THE D/G BASEMENT AREA. THE CAUSE OF THIS MAY HAVE BEEN RELATED TO THE GROUND ON THE E-2 BUS.

THE RESIDENT INSPECTOR WAS NOTIFIED. THE REG 2 RDO (WERT), NRR EO (HANNON), AND IRO (CONGEL) WERE NOTIFIED.

\* \* \* UPDATE ON 3/3/00 @ 1615 \* \* \* COMMISSIONER'S ASSISTANTS BRIEF

MALLETT (BRIEFER), MARSH (NRR EO), REYES (RA), EASLICK (RI), COLLINS (NRR), MILLER (IRO), WERT (RDO), WIENS (NRR), BEECHER (PA), LOHAS (SP), FAULKNER (IP),

D-1

SATORIUS (EDO), BATES (SECY), CHAN (CHAIRMAN MESERVES' ASST), OLENCZ (COMM. DICUS' ASST), SHARFEY (COMM. MCGAFFIGAN'S ASST), CASTLEMAN (COMM. DIAZ'S ASST), AND McCABE (COMM. MERRIFIELD'S ASST).

\* \* \* UPDATE ON 3/3/00 @ 1844 FROM JOLICOEUR TO GOULD \* \* \*

NOUE TERMINATED AT 1840 DUE TO RESTORING POWER FROM NORMAL OFF-SITE SOURCES TO THE E-1 AND E-2 BUSES.

The NRC Resident Inspector was notified.

REG 2 RDO (WERT), NRR EO (HANNON), IRO (CONGEL), AND FEMA (STIENDRUF) WERE NOTIFIED.