

UPDATE REPORT - PREVIOUS
REPORT DATE 9/23/80

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

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REPORT SOURCE
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DOCKET NUMBER EVENT DATE REPORT DATE

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (19)

0 2 During normal operation, performance of the "Diesel Generator Manual
0 3 Start" procedure was in progress. Two attempted starts on 2C diesel
0 4 generator failed. After emphasis was put on the pre-start checks, a
0 5 successful start was performed. The 2A and 1B diesel generators were
0 6 operable. The health and safety of the public were not affected by this
0 7 non repetitive event.

SYSTEM CODE E E		CAUSE CODE X		CAUSE SUBCODE Z		COMPONENT CODE Z Z Z Z Z				COMP. SUBCODE Z		VALVE SUBCODE Z	
(11)		(12)		(13)		(14)				(15)		(16)	
EVENT YEAR 8 0				SEQUENTIAL REPORT NO. 1 2 7		OCCURRENCE CODE /		REPORT TYPE X		REVISION NO. 1			
(17)													
ACTION TAKEN X	FUTURE ACTION X	EFFECT ON PLANT Z	SHUTDOWN METHOD Z	HOURS 0 0 0	ATTACHMENT SUBMITTED Y	NPRD-4 FORM SUB. N	PRIME COMP. SUPPLIER Z	COMPONENT MANUFACTURER Z 9 9 9					
(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)					

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 An investigation was initiated, but the cause of this event was not
1 1 determined. A Southern Company Services, Inc. study revealed that the
1 2 Plant Hatch diesel generator availability is better than the industry-
1 3 wide average. In general, the failures seem to be unrelated, and no
3 4 pattern of component failures could be identified.

FACILITY STATUS										* POWER										OTHER STATUS										METHOD OF DISCOVERY										DISCOVERY DESCRIPTION									
1	5	E		(28)	0	9	8	(29)	NA		(30)		B	(31)	Operator Observation																																		
ACTIVITY										CONTENT										AMOUNT OF ACTIVITY										LOCATION OF RELEASE																			
1	6	Z		(33)	Z	(34)	NA		(35)		NA		(36)																																				
PERSONNEL EXPOSURES										DESCRIPTION																																							
1	7	0		0	(37)	Z	(38)	NA		(39)																																							
PERSONNEL INJURIES										DESCRIPTION																																							
1	8	0		0	(40)	NA		(41)																																									
LOSS OF OR DAMAGE TO FACILITY										DESCRIPTION																																							
1	9	Z		(42)	NA		(43)																																										
PUBLICITY										DESCRIPTION																																							
2	0	N		(44)	NA		(45)																																										
ISSUED																				NRC USE ONLY																													

NAME OF PREPARER S. B. Tipps

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NARRATIVE REPORT
FOR LER 50-366/1980-127, Rev. 1

LICENSEE : GEORGIA POWER COMPANY
FACILITY NAME : EDWIN J. HATCH
DOCKET NUMBER : 50-366

Tech. Specs. section(s) which requires report:

This 30-day report is required by Unit 2 Tech. Specs. section 6.9.1.9.b. due to the event's showing that the unit was not meeting the requirements of Unit 2 Tech. Specs. section 4.8.1.1.2.a.4.

Plant conditions at the time of the event(s):

This event occurred on 8/30/80 with the mode switch in the RUN position and the unit at 98% power.

Detailed description of the event(s):

On 8/30/80, a manual start was attempted on the 2C diesel generator per the "Diesel Generator Manual Start" procedure (HNP-2-3801) to fulfill surveillance requirements. After the first attempt failed, the prestart checks were verified and the start was again attempted unsuccessfully. Nothing was observed to be malfunctioning. The Shift Foreman was then notified of the problem. Both starting air receivers were verified to be charged to proper pressures; the engine overspeed trip (which is actuated during prestart checks) was verified to be reset, and the manual fuel oil pump was stroked to make sure fuel was at the engine. The diesel was then started and run for one hour with no problems.

Consequences of the event(s):

Plant operation was not affected. The health and safety of the public were not affected.

Status of redundant or backup subsystems and/or systems:

Diesel generators 2A and 1B were operable at the time of the event.

Justification for continued operation:

The diesel generator started and operated as required after the prestart checks were reverified.

If repetitive, number of previous LER:

This is a non-repetitive event.

Impact to other systems and/or Unit:

This event had no effect on any other system or the other unit.

Cause(s) of the event(s):

An extensive investigation of the event did not reveal the cause of the start failures. A diesel generator reliability study had been initiated prior to this event to investigate the history of diesel generator start failures and to evaluate the adequacy of our surveillance methods and frequency. The SCSI study of the diesel generator failure-to-start history indicates that there is no significant problem with the Plant Hatch diesel generators. The average failure rate of the Plant Hatch diesel generators (using Reg. Guide 1.108 criteria) of 2.71 percent compares very favorably with the industry average failure rate of 3 percent. The non-safety air start system, the governor servo booster and the 1B D/G service water system were areas identified by the study where several failures have occurred. In general, the failures seem to be unrelated and no pattern of component failures could be identified.

Immediate Corrective Action:

Prestart checks were reverified, and the diesel generator was operated for 1 hour and returned to operable status.

Supplemental Corrective Action:

No supplemental corrective action was required.

Scheduled (future) corrective action:

All corrective actions were made immediately and no future corrective actions are needed.

Action to prevent recurrence (if different from corrective actions):

Increased quality control during preventing maintenance that should result in the reduction of component failures is expected to reduce the number of diesel generator failures.