

# REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8112160312 DOC. DATE: 81/12/11 NOTARIZED: NO DOCKET #  
 FACIL: 50-250 Turkey Point Plant, Unit 3, Florida Power and Light C 05000250  
 50-251 Turkey Point Plant, Unit 4, Florida Power and Light C 05000251  
 AUTH. NAME AUTHOR AFFILIATION  
 UHRIG, R.E. Florida Power & Light Co.  
 RECIP. NAME RECIPIENT AFFILIATION  
 VARGA, S.A. Operating Reactors Branch 1

SUBJECT: Responds to 810803 request for tabulation of operating  
 experience re onsite diesel generators. Tables 1 & 4 for CY79  
 & 80 encl. Tables 2 & 3 will be forwarded by Sept 1982.

DISTRIBUTION CODE: A050S COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 8  
 TITLE: Station Blackout (USI A-44)

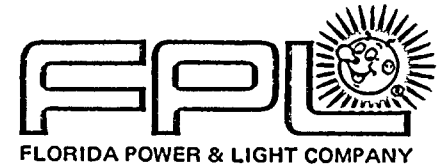
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	IE	11	2	2	MPA	10	1
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December 11, 1981  
L-81-522

Office of Nuclear Reactor Regulation  
Attention: Mr. S. A. Varga, Chief  
Operating Reactors Branch #1  
Division of Operating Reactors  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Dear Mr. Varga:

Re: Turkey Point Units 3 & 4  
Docket Nos. 50-250 & 50-251  
Station Blackout Information Request

Your letter dated August 3, 1981 requested a tabulation of operating experience regarding the onsite diesel generators. Tables 1 and 4 have been completed and are attached. Due to the manpower demands of the ongoing Turkey Point Unit 3 Steam Generator Repair effort and the Turkey Point Unit 4 refueling outage, we have been unable to complete Tables 2 and 3. We expect to be able to forward these tables by September 1982.

We have also reviewed the list of LER's provided in Enclosure 2 and find it complete for the years 1976 to 1980.

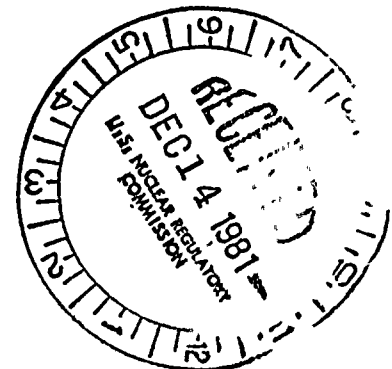
Very truly yours,

A handwritten signature in cursive script, appearing to read "Robert E. Uhrig".

Robert E. Uhrig  
Vice President  
Advanced Systems & Technology

REU/JEM/ras

cc: Mr. J. P. O'Reilly Region II  
Harold F. Reis, Esquire



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Refer to enclosure 1, page 5

TABLE 1

Diesel Generator Operations Data  
 Calendar Year 1980

Reason for DG Operation, & scheduled Duration of Run	DG No.	Number of Starts	Number of Failures	Percent Loading of DG (KW)	Duration of Run Before Stop For Each DG Failure	Identification of Failure (Refer to attached IERs or Table 3)
Tech, Spec Req'd Test  Monthly Surveillance ( ~ 1 hour) (1.Start/test)	A	26	0	100		
	B	26	0	100		
Refueling outage (Start Only) (1 Start/test)	A	2	0	100		
	B	2	0	100		
DG Actual Demand Starts not for Testing	A	0				
	B	0				
Miscellaneous Tests (Specify Type)	A	0				
	B	0				



### TABLE 1

## Diesel Generator Operations Data

Enclosure 1 - Page 1  
Plant Name Turkey Point  
Unit No. 3 & 4

Reason for DG Operation, & scheduled Duration of Run	DG No.	Number of Starts	Number of Failures	Percent Loading of DG (KW)	Duration of Run Before Stop For Each DG Failure	Identification of Failure (Refer to attached IERs or Table 3)
Tech, Spec Req'd Test						
Monthly Surveillance ( ~ 1 hour ) (1 start/test)	A	26	0	100		
	B	27	1	100	0	Ler #4
Refueling outage (Start Only) (1 start/test)	A	3	1	100	0	Ler #1
	B	2	0	100		
DG Actual Demand Starts not for Testing	A	0				
	B	0				
Miscellaneous Tests (Specify Type)						
24 hour load test	A	2	1	100	3 hr.	Ler #3
	B	1	0	100		





Refer to Enclosure 1, page 5

### TABLE 1

## Diesel Generator Operations Data Calendar Year 1978

Enclosure 1 - Page 1  
Plant Name Turkey Point  
Unit No. 3 & 4

[illegible]



TABLE 1

Diesel Generator Operations Data  
Calendar Year 1977

Reason for DG Operation, & scheduled Duration of Run	DG No.	Number of Starts	Number of Failures	Percent Loading of DG (KW)	Duration of Run Before Stop For Each DG Failure	Identification of Failure (Refer to attached LERs or Table 3)
Tech, Spec Req'd Test Monthly Surveillance ( ~1 hour) (1 start/test)	A	26	0	100		
	B	28	2	100	0	Ler # 7 & 8
Refueling outage (start only) (1 start/test)	A	2	0	100		
	B	2	0	100		
DG Actual Demand Starts not for Testing	A	0				
	B	0				
Miscellaneous Tests (Specify Type)	A	0				
	B	0				

Refer to Enclosure 1, page 5

Enclosure 1 - Page 1  
Plant Name Turkey Point  
Unit No. 3 & 4

### TABLE I

## Diesel Generator Operations Data Calendar Year 1976

[illegible]



TABLE 4

Onalta Emergency Diesel Generator and  
Auxiliary Equipment Modification Record

Enclosure 1 - Page 4  
Plant Name Turkey Point  
Unit No. 3 & 4

Equipment or procedure modified	Date of Mod.	Reason for Modification and Desired Improvement	Description of Modification
Diesel Generator Exciter Modification. Units 3 & 4	6/11/79	Design error present on both EDG's which resulted in overheating of the EXCITER Power Transformers at sustained high-load operation.	PC/M 79-45. The connection between the neutral of each Diesel generator and neutral of the primary of the corresponding 45 KVa exciter control power transformer bank was disconnected and removed.
"A" Diesel Generator Regulator Cabinet Transformer Bracket- Unit 3.	10/16/79	To accomodate the general electric transformer replacements.	PC/M 79-80- The existing bracket was replaced with a new bracker.
A Diesel Generator Regulator Cabinet Transformer Mounting. Unit 3	8/11/79	To correct for deficiencies in the bracket installation of a later model transformer in the "A" diesel generator regulator.	PC/M 79-85. The transformer was attached to the cabinet by means of structural bolts using the existing bracket as a shim.
Diesel Generator Room Foam Supression Penetrations - Unit 3	10/2/80	To provide an unobstructed outlet for the insertion of Fire deterrent Foam via an existing Nozzel .. Insertion of the Foam will supress any interior fire which will adversely affect the function of the emergency diesel generator system.	PC/M 79-97. Installation of 3-4 1/2 Penetrations through the diesel Generator room exterior walls and doors.

TABLE 4

Onalta Emergency Diesel Generator and  
Auxiliary Equipment Modification RecordEnclosure 1 - Page 4  
Plant Name Turkey Point  
Unit No. 3 & 4

Equipment or procedure modified	Date of Mod.	Reason for Modification and Desired Improvement	Description of Modification
Diesel Generator wall penetrations and switchgear curbs.	10/1/80	To provide a 3 hour rated fire barrier	PC/M 79-148. The space between the pipe and penetrations between diesel generator rooms and day tank rooms were filled with a fire retardent material.
Diesel Generator Building Louver Spray system	12/4/80	To prevent damage to the diesel generator system from a potential fire in the fuel oil storage tank.	PC/M 80-18: An air intake louver sprinkler system was provided on the outlet wall of the building.
Modification of the Emergency Diesel "Ready to Start" light	1/27/81	To prevent high frequency of failure with resultant loss of starting circuit for the diesel.	PC/M 80-59. The Drake incandescent indicator lamp was replaced with a Snaplite neon indicator lamp.
Emergency Diesel Generator Fuel Oil Tubing Replacement	3/21/78	To prevent/reduce fuel oil tubing failures. Had experience failure of tubing at seams.	PC/M 77-24 All steel seamed tubing was removed and replaced with stainless steel pipe.

