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 FACIL: 50-250 Turkey Point Plant, Unit 3, Florida Power and Light C 05000250
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 RECIP. NAME RECIPIENT AFFILIATION

Document Control Branch (Document Control Desk)

SUBJECT: Special rept: during power operation manual valves -10-107,
 207 & 307 for main steam lines A, B & C were closed leaving
 radiation monitor RAD-6424 inoperable. Cause of present
 design of sample line under study.

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 TITLE: 50.73 Licensee Event Report (LER), Incident Rpt, etc.

NOTES:

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	AEOD/DSP/ROAB	2 2	AEOD/DSP/TPAB	1 1
	DEDRO	1 1	NRR/DEST/ADE	1 0
	NRR/DEST/ADS	1 0	NRR/DEST/CEB	1 1
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	NRR/DEST/SGB	1 1	NRR/DLPQ/HFB	1 1
	NRR/DLPQ/GAB	1 1	NRR/DOEA/EAB	1 1
	NRR/DREP/RAB	1 1	NRR/DREP/RPB	2 2
	NRR/PMAS/ILRB	1 1	NRR/PMAS/PTSB	1 1
	<u>REG FILE</u> 02	1 1	RES DEPY GI	1 1
	RES TELFORD, J	1 1	RES/DE/EIB	1 1
	RGN2 FILE 01	1 1		
EXTERNAL:	EG&G GROH, M	5 5	H ST LOBBY WARD	1 1
	LPDR	1 1	NRC PDR	1 1
	NSIC HARRIS, J	1 1	NSIC MAYS, G	1 1



JULY 28 1987

L-87-315

U. S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D. C. 20555

Gentlemen:

Re: Turkey Point Units 3 and 4
Docket Nos. 50-250 and 50-251
Special Report - Main Steam Line Radiation
Monitor Inoperable for Greater Than Seven Days

In accordance with Technical Specification 6.9.3 the attached Special Report is provided for your information.

Should there be any questions on this information, please contact us.

Very truly yours,

A handwritten signature in dark ink, appearing to read "C. O. Woody", is written over the typed name.

For C. O. Woody
Group Vice President
Nuclear Energy

COW/SDF/gp

Attachment

cc: Dr. J. Nelson Grace, Regional Administrator, Region II, USNRC
Senior Resident Inspector, USNRC, Turkey Point Plant

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SPECIAL REPORT

July 28, 1987

MAIN STEAM LINE RADIATION MONITORS

PURPOSE

Technical Specification (TS) 3.5, Table 3.5-5, item 13.d requires that if the main steam (MS) line radiation monitors are inoperable for greater than 7 days, FPL shall prepare and submit a special report to the Commission pursuant to TS 6.9.3 within 30 days following the event outlining the action taken, the cause of the inoperability, and the plans and schedule for restoring the system to operable status.

EVENT

The MS line radiation monitor, RAD-6426, detects radiation passing through the main steam lines. The monitor was installed under PC/M 80-131 in order to meet the requirements of NUREG-0578. RAD-6426 is required to be operable in accordance with TS3.5, Table 3.5-5, Item 13d and is used to meet the requirements of Regulatory Guide 1.97 for post accident monitoring. The monitor receives a steam sample from piping tied into each steam line, upstream of the main steam isolation valves, at manual valves *-10-107, 207, and 307, for MS lines A, B, and C, respectively. The FSAR shows these valves to be normally closed during power operations, however, operation of the MS line radiation monitor requires that the aforementioned valves remain open. Based on the above, it was determined to close the above valves thus leaving RAD-6426 inoperable.

CAUSE OF EVENT AND CORRECTIVE ACTIONS

The cause of the present design of the sample line is under study. FPL engineering is evaluating the design requirements of the sample line. Until the above engineering evaluation is complete, the above valves will be maintained closed and the preplanned alternate method of monitoring the appropriate parameter per TS 3.5-5 Action 5 will be performed. The preplanned alternate method consists of sampling and isotopic analysis of the blowdown effluent once per 24 hours. Based on the above, the health and safety of the public are not affected.

