

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

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 FACIL: 50-250 Turkey Point Plant, Unit 3, Florida Power and Light C 05000250  
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SUBJECT: Special rept on fire protection sys (FPS) impairments  
 requiring NRC notification. Rept consists of monthly rept of  
 FPS impairments incurred during performance of continuing  
 plant mods & deficient penetrations & barriers. W/880208 ltr.

DISTRIBUTION CODE: IE22D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 5  
 TITLE: 50.73 Licensee Event Report (LER), Incident Rpt, etc.

NOTES:

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**FPL**

FEBRUARY 8 1988

L-88-56

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: Breached Fire Barriers and  
Other Fire Protection System Impairments

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

If there should be any questions, please contact us.

Very truly yours,

  
C. O. Woody  
Executive Vice President  
Nuclear Energy

COW/SDF/dh

Attachment

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

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PDR ADOCK 05000250  
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## SPECIAL REPORT

February 8, 1988

### FIRE PROTECTION SYSTEM IMPAIRMENTS REQUIRING NRC NOTIFICATION

#### Purpose:

Technical Specification (TS) 3.14.5.b requires the submission of a report to the NRC if a non-functional fire barrier penetration is not returned to functional status within 7 days. TS 3.14 also states that certain other conditions require NRC notification. In accordance with the above requirements, this special report is being generated in order to notify the NRC. This report is being updated on a 30 day basis.

#### Event:

Turkey Point has been and is continuing to implement plant modifications. Fire Protection System (FPS) impairments are, at times, incurred during the performance of these modifications. Occasionally, certain FPS features fail due to random component failure.

Additionally, this report includes deficient penetrations and barriers which were identified during the 18 month periodic surveillance of penetrations..

#### Cause and Corrective Actions:

The penetrations and barriers identified during the periodic surveillance are considered to be impaired because they do not meet the design's minimum requirements. The surveillance being performed presently, incorporates inspection criteria which are more stringent than the previous surveillance. As a result, many penetrations and barriers are being identified as impaired, whereas previously they would have met the then existing criteria. Additionally, certain impairments have been identified which are due to elastomer shrinkage.

The primary cause of the impairments which were not identified as a result of the periodic surveillance is the number of modifications being performed. Many of these modifications require the impairment of certain FPS features for their completion. The secondary cause for the impairments is FPS equipment malfunction.

Because Turkey Point incurs a variable number of impairments, the plant is reporting the impairments in a monthly report, rather than on a case-by-case basis. The impairments reported this month may be either open or closed at the present time, however they were open in excess of the Technical Specification permitted time limit.

This report includes impairments not reported previously which were:

- 1) opened prior to January and
- 2) stayed open for longer than the time permitted by the Technical Specifications, and
- 3) are either still open or were closed prior to January. The closed impairments have been reported at the time opened, unless noted otherwise.

The plant continues to implement the compensatory measures as applicable.

FIRE PROTECTION SYSTEM IMPAIRMENTS OPENED SINCE JANUARY  
REPORT WHICH HAVE BEEN OPEN FOR LONGER THAN TECH SPEC LIMITS

1199	Elec. Fire Pump	01/23/88
1264	Fire Detection Alarm 65	01/01/88
1266	Fire Detection Alarm 26	01/05/88
87-0362	Fire Barrier 12W	12/30/87
*88-0002	Penetration Seal 67W-M001	12/31/87
*88-0003	Penetration Seal 67N-E027	12/31/87
*88-0004	Penetration Seal 68W-E001	12/31/87
*88-0005	Structural Steel Fireproof	12/28/87
*88-0006	Penetration Seal 93F-E010	01/12/88
*88-0007	Penetration Seal 67F-E002	01/18/88
*88-0008	Penetration Seal 25W-M003	01/13/88
*88-0009	Penetration Seal 70N-E015	01/12/88
*88-0010	Fire Barrier 70W	01/12/88
*88-0011	Penetration Seal 70W-M002	01/12/88
*88-0012	Penetration Seal 70S-E006	01/12/88
*88-0013	Fire Barrier 70W	01/12/88
*88-0014	Fire Barrier 70N	01/12/88
*88-0015	Penetration Seal 70S-M008	01/12/88
*88-0016	Penetration Seal 70S-M010	01/12/88
*88-0017	Fire Barrier 71E	01/12/88
*88-0018	Penetration Seal 72S-E008	01/12/88
*88-0019	Penetration Seal 73E-E002	01/12/88
*88-0020	Penetration Seal 75N-E002	01/12/88
*88-0021	Penetration Seal 72E-E003	01/12/88
*88-0022	Penetration Seal 74S-E002	01/12/88
*88-0023	Penetration Seal 73N-E007	01/12/88
*88-0024	Fire Door 27-1	01/18/88
*88-0025	Fire Barrier 26N1	01/18/88
*88-0026	Fire Barrier 28W	01/18/88
*88-0027	Fire Barrier 27N	01/18/88
*88-0028	Penetration Seal 108E-H001	01/16/88
*88-0030	Fire Barrier 28	01/18/88
*88-0032	Penetration Seal 5551-M005	01/20/88
*88-0033	Fire Barrier 61E	01/20/88
*88-0034	Penetration Seal 16N-E005	01/20/88
*88-0035	Fire Barrier 13E	01/20/88
*88-0036	Penetration Seal 12W-M005	01/20/88
*88-0037	Fire Barrier 63E	01/20/88
*88-0038	Fire Barrier 40N-M005	01/20/88
*88-0039	Penetration Seal 14N-M025	01/20/88
*88-0040	Penetration Seal 46W-E004	01/20/88
*88-0041	Fire Barrier 12S	01/20/88
*88-0042	Fire Barrier 19W	01/20/88

Imp#	Description	Open	Closed
*88-0043	Penetration Seal 16W-M003	01/20/88	
*88-0044	Penetration Seal 13W-M004	01/20/88	
*88-0045	Fire Barrier 11S	01/20/88	
*88-0046	Penetration Seal 19W-E008	01/20/88	
*88-0047	Fire Barrier 19S	01/20/88	
*88-0048	Penetration Seal 46N-M002	01/20/88	
*88-0049	Fire Barrier 20W	01/20/88	

FIRE PROTECTION SYSTEM IMPAIRMENTS CLOSED SINCE JANUARY  
REPORT BUT WERE OPEN FOR LONGER THAN TECH SPEC LIMITS

Imp#	Description	Open	Closed
1267	Firedoor 106-1	12/22/87	01/05/88

Asterisk (\*) denotes fire system impairments that were detected as a result of Technical Specification periodic surveillance inspection.