

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8802160172 DOC. DATE: 88/02/08 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
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 Document Control Branch (Document Control Desk)

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 mcds & deficient penetrations & barriers. W/880208 ltr.

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

NOTES:

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|-----------|---------------------------|---------------------|---------------------------|---------------------|
| | PD2-2 LA | 1 1 | PD2-2 PD | 1 1 |
| | EDISON, G | 1 1 | | |
| INTERNAL: | ACRS MICHELSON | 1 1 | ACRS MOELLER | 2 2 |
| | AEOD/DOA | 1 1 | AEOD/DSP/NAS | 1 1 |
| | AEOD/DSF/ROAB | 2 2 | AEOD/DSP/TPAB | 1 1 |
| | ARN/DCTS/DAB | 1 1 | DEDRO | 1 1 |
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| | NRR/DREP/RAB | 1 1 | NRR/DREP/RPB | 2 2 |
| | NRR/DRIS/SIB | 1 1 | NRR/PMAS/ILRB | 1 1 |
| | <u>REG FILE</u> 02 | 1 1 | RES TELFORD, J | 1 1 |
| | RES/DE/EIB | 1 1 | RES/DRPS DIR | 1 1 |
| | RGN2 FILE 01 | 1 1 | | |
| EXTERNAL: | EG&G GROH, M | 5 5 | FORD BLDG HOY, A | 1 1 |
| | H ST LOBBY WARD | 1 1 | LPDR | 1 1 |
| | NRC PDR | 1 1 | NSIC HARRIS, J | 1 1 |
| | NSIC MAYS, G | 1 1 | | |



FEBRUARY 8 1988.

L-88-56

U.S. Nuclear Regulatory Commission
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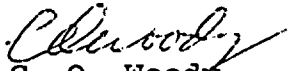
Gentlemen:

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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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.