



PECO NUCLEAR

A Unit of PECO Energy

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T.S. 3.3.7.10

T.S. 6.9.2

December 8, 1999
Docket No. 50-353
License No. NPF-85

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

SUBJECT: Limerick Generating Station, Unit 2
Special Report for the Inoperability of a Loose-
Part Detection System Channel for More Than 30
Days

This Special Report is being submitted pursuant to the requirements of Limerick Generating Station (LGS), Unit 2 Technical Specifications (TS) Section 6.9.2 as required by TS Section 3.3.7.10, "Loose-Part Detection System." TS Section 3.3.7.10 requires that with one or more of the required Loose-Part Detection System (LPDS) channels inoperable for more than 30 days, a Special Report must be prepared and submitted within 10 days outlining the cause of the malfunction and the plans for restoring the channel(s) to operable status. The LPDS is required to be operable in Operational Condition (OPCON) 1 (Power Operation) and OPCON 2 (Start-up).

On November 3, 1999, with Unit 2 operating at 100% power, during performance of procedure ST-6-107-590-2, "Daily Surveillance Logs/OPCONS 1, 2, 3," LPDS channel #2 was identified as reading high with no alarm condition or audible noise present (indicating no actual loose parts event). The Unit 2 LPDS was declared inoperable per station Technical Specification 3.3.7.10 due to failure to meet surveillance requirement 4.3.7.10.

During performance of troubleshooting activities, a noise signal on channel two was identified. The noise is attributed to an intermittent ground connection of the hardline cable or hardline cable shield. The hardline cable is located in the drywell.

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A work order has been initiated to inspect and repair, as required, the Channel 2 hardline cable and instrumentation within the Primary Containment during the sixth Unit 2 refueling outage (2R06).

The inoperable LPDS had no impact on plant operation.

If you have any questions or require additional information, please contact Mr. Keith Bersticker at (610) 718-3400.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Michael P. Galley".

cc: H. J. Miller, Administrator Region I, USNRC
A. L. Burritt, USNRC Senior Resident Inspector, LGS