

**PECO NUCLEAR**

A UNIT OF PECO ENERGY

PECO Energy Company  
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T.S. 3.3.7.10

T.S. 6.9.2

July 7, 2000

Docket No. 50-352

License No. NPF-39

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

**SUBJECT: Limerick Generating Station, Unit 1  
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 1 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 May 30, 2000, with Unit 1 operating at 100% power, LPDS channel #3 was identified as reading high with no alarm condition or audible noise present (indicating no actual loose parts event). The channel was also identified as having a background buzz which could not be completely troubleshot without drywell entry. The LPDS was declared inoperable per station Technical Specification 3.3.7.10 due to failure to meet surveillance requirement 4.3.7.10. Additionally, on June 29, 2000, LPDS channel #5 was identified as reading high with no alarm condition. The channel noise is attributed to an intermittent ground connection of the hardline cable or hardline cable shield. The hardline cable is located in the drywell. Therefore, since the LPDS has been inoperable for more than thirty days, this special report has been created.

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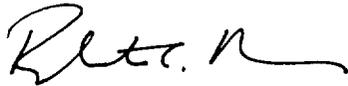
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The work required to troubleshoot and repair channels 3 and 5 will be performed during the ninth Unit 1 refuel outage(1R09).

The inoperable LPDS had no impact on plant operation.

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

Very truly yours,

A handwritten signature in black ink, appearing to read "R. Braun".

Robert C. Braun, Plant Manager, LGS

STG

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