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Limerick Generating Station
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T.S. 3.3.7.10
T.S. 6.9.2

April 18, 2001 |
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, Revision 1 |

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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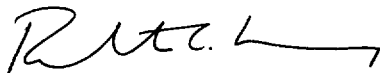
This system will not be repaired during the sixth Unit 2 refueling outage (2R06) as previously stated in revision 0 of this Special Report. It will be abandoned after the Technical Specification requirement for this system has been deleted.

A Technical Specification Change Request is being processed to remove the requirement for this system. This Technical Specifications Change Request will delete the Loose-Part Detection System and the associated Technical Specifications and Bases currently contained in the LGS, Units 1 and 2 Technical Specifications. The deletion of the system has been evaluated in the Boiling Water Reactor Owners' Group (BWROG) Topical Report NEDC-32975P, "Regulatory Relaxation for BWR Loose Parts Monitoring Systems". In a Safety Evaluation Report (SER) dated January 25, 2001 (Letter from S. A. Richards (NRC) to J. M. Kenny (Chairman, BWR Owners Group)) the NRC approved this Topical Report.

The inoperable LPDS has no impact on plant operation.

If you have any questions or require additional information, please contact Ms. Kay Gallogly at (610) 718-3400.

Very truly yours,



Robert C. Braun, Plant Manager

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