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Limerick Generating Station
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TRM 3.3.7.2

March 10, 2003

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

Limerick Generating Station (LGS) Units 1 and 2,
Facility Operating License Nos. NPF-39 and NPF-85
NRC Docket Nos. 50-352 and 50-353

Subject: Special Report - Seismic Monitoring Instrumentation Inoperability

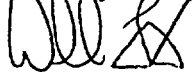
This Special Report is being submitted pursuant to the requirements of Limerick Generating Station (LGS), Unit 1 and Unit 2 Updated Final Safety Analysis Report (UFSAR) section 3.7.4.5, Technical Specifications 6.9.2 and Technical Requirements Manual 3.3.7.2. "With one or more of the seismic monitoring instruments inoperable for more than 30 days, a Special Report shall be prepared and submitted to the Nuclear Regulatory Commission pursuant to Specification 6.9.2 of the Technical Specifications within the next ten days outlining the cause of the malfunction and the plans for restoring the instrument(s) to operable status"

On January 31, 2003, with both units operating at full power, Operations personnel determined that 'D' channel of the seismic monitor was not functional. Attempts to reset the channel were not successful. The Seismic Monitoring System consists of 6 tri-axial time history accelerometers, 1 response spectrum analyzer, 4 digital recorders and a playback unit. At this time, the Seismic Monitoring System can detect and record data from a seismic event, and can provide a light indicating that a seismic event occurred. The system is currently incapable of processing data to determine the spectral response to an earthquake. A station procedure is in place to take compensatory action for this issue until the system is returned to service.

Subsequent attempts to repair the Seismic Monitoring System have been unsuccessful and are hampered by equipment obsolescence and parts issues. The fault appears to be within the computer's hard drive associated with the spectral analyzer. Replacement drives are not available. Two refurbished hard drives were procured from the manufacturer. The first was not an identical replacement and was incompatible. The second was installed on 2/28/03; however, the disk boot errors did not allow the seismic monitor software to be installed. The hard drive has been sent to the vendor. The seismic monitor will be repaired, tested, and returned to operable status by April 30, 2003.

If you have any questions or require additional information, please do not hesitate to contact us.

Sincerely,



William Levis
Vice President, LGS

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IE22

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