AmerenUE
Callaway Plant

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July 10, 2006

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Mail Stop P1-137
Washington, DC 20555-0001

ULNRC-05309

Ameren UE

Ladies and Gentlemen:

DOCKET NUMBER 50-483
CALLAWAY PLANT UNIT 1
UNION ELECTRIC CO.
FACILITY OPERATING LICENSE NPF-30
SPECIAL REPORT
Inoperable Channel 11 of the Loose Parts Detection System (LPDS)

Attached is a Special Report for the inoperability of Channel 11 of the Loose Parts Detection System (LPDS) in accordance with Final Safety Analysis Report Section 16.3.3.5 Action 'a'.

New commitments are identified in this correspondence. None of the material in this response is considered proprietary by Union Electric.

If you have any questions or require additional information, please contact Mr. Keith Mills, Supervisor, Regional Regulatory Affairs at 573/676-4317.

Sincerely,

L. E. Thibault
Director Plant Operations

Enclosure 1) Special Report

IE22

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(Certrec receives ALL attachments as long as they are non-safeguards and public disclosed).

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LIST OF COMMITMENTS

The following table identifies those actions committed to by AmerenUE in this document. Any other statements in this document are provided for information purposes and are not considered commitments. Please direct questions regarding these commitments to Mr. Keith Mills, Supervisor, Regional Regulatory Affairs at 573/676-4317.

COMMITMENT	Due Date/Event
Restoration of Loose Parts Monitoring System Channel 11 to Operable status	Prior to restart from Refuel 15

Note: Refuel 15 is currently scheduled to start March 30, 2007.

ENCLOSURE

Special Report

The Loose-Part Detection System Limiting Condition for Operation (LCO) (Section 16.3.3.5 of the Final Safety Analysis Report) requires the loose-part detection system to be operable in Modes 1 and 2. With one or more Loose-Part Detection System channels inoperable for more than 30 days, LCO Action 'a' requires a Special Report to be submitted to the Commission within the next 10 days outlining the cause of the malfunction and the plans for restoring the channel(s) to operable status.

On June 11, 2006, with the Unit in Mode 1, Channel 11 of the Loose-Part Detection System (LPDS) was declared inoperable. This is one of the two sensors that are mounted on the inlet plenum side of Steam Generator "D".

Cause of the malfunction:

The initial investigation has concluded that the channel degradation is likely associated with the channel accelerometer, hard-line cable, or connectors located inside the primary containment, as indicated by its signal drifting and low responses.

Plans for restoring the channel to Operable status:

The capability to detect loose metallic parts in the Reactor Coolant System has been retained with the remaining 10 operable channels. The redundant sensor on the Steam Generator "D" is operable. Therefore continued operation to Refuel 15 is acceptable.

A station Work Request has been written to repair Channel 11 of the LPDS. The repair and testing to return the channel to operable status will be scheduled for the next refueling outage (RF015), due to limited accessibility resulting from high radiation dose rates during normal plant operation. Refuel 15 is currently scheduled to begin on March 30, 2007.

Repairs will be completed prior to restart from Refuel 15.