



September 1, 1994

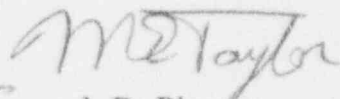
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ULNRC-03060

Gentlemen:

**DOCKET NUMBER 50-483
CALLAWAY PLANT UNIT 1
FACILITY OPERATING LICENSE NPF-30
SPECIAL REPORT 94-03
LOOSE-PART DETECTION SYSTEM CHANNEL
INOPERABLE FOR GREATER THAN 30 DAYS**

This Special Report is submitted pursuant to Technical Specification 3.3.3.8 Action (a) concerning the inoperability of one channel of the Loose-Part Detection System.


for J. D. Blosser
Manager, Callaway Plant

JDB/TPS/MNF/lrj

Enclosure

cc: Distribution attached

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SPECIAL REPORT 94-03
LOOSE-PART DETECTION SYSTEM CHANNEL
INOPERABLE FOR GREATER THAN 30 DAYS

This report is submitted in accordance with Technical Specification 3.3.3.8 Action (a) which states, "With one or more Loose-Part Detection System channel(s) inoperable for more than 30 days, prepare and submit a Special Report to the Commission pursuant to Specification 6.9.2 within the next 10 days outlining the cause of the malfunction and the plans for restoring the channel(s) to OPERABLE status."

At 1329 CDT on 7/26/94, following a Main Control Board Loose-Part annunciator and performance of an inservice inspection by Instrument and Control Technicians and licensed operators, Channel 3 of the Loose-Part Detection System was determined to be inoperable. The plant was in Mode 1 at 100% power.

The Channel 3 accelerometer is located in containment mounted on the reactor vessel head assembly. The problem was initially thought to be a failed charge converter. The charge converter was replaced during a normal operations containment entry on 8/9/94. This did not eliminate the problem. Further troubleshooting of Channel 3 has determined the problem may be an intermittent field cable short. Since the field cable is connected to the reactor vessel head (thus inaccessible during power operations), additional troubleshooting will not be performed until the next outage of sufficient duration. Channel 7, on the reactor head assembly, remains inoperable pending the next available outage as discussed in Special Report 93-04. The remaining ten channels in the system remain operable.

Until further troubleshooting is completed, actions to be taken to prevent recurrence cannot be determined.