

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

1750 Chestnut Street Tower II

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January 6, 1984

Mr. James P. O'Reilly, Director
U.S. Nuclear Regulatory Commission
Suite 2900
101 Marietta Street, NW.
Atlanta, Georgia 30303

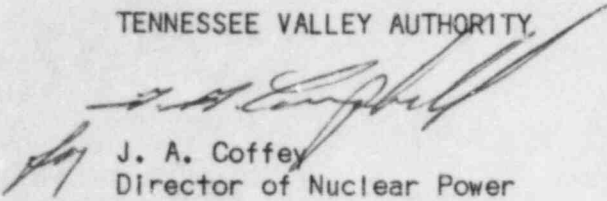
Dear Mr. O'Reilly:

TENNESSEE VALLEY AUTHORITY - SEQUOYAH NUCLEAR PLANT UNIT 1 - DOCKET
NO. 50-327 - FACILITY OPERATING LICENSE DPR-77 - REPORTABLE OCCURRENCE
REPORT SQRO-50-327/83186

The enclosed report provides details concerning the inoperability of
1A-A diesel generator. This report is submitted in accordance with
Sequoyah unit 1 Technical Specification 6.9.1.13.b.

Very truly yours,

TENNESSEE VALLEY AUTHORITY


J. A. Coffey
Director of Nuclear Power

Enclosure

cc (Enclosure):

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Washington, D.C. 20555

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Sequoyah Nuclear Plant

LER SUPPLEMENTAL INFORMATION

SQRO-50-327/83186

Technical Specification Involved: 3.8.1.1

Reported Under Technical Specification: 6.9.1.13.b

Date of Occurrence: 12/09/83

Time of Occurrence: 0658 (C)

Identification and Description of Occurrence:

During performance of SI-26, the 1A-A diesel generator tripped on high crankcase pressure at 0658 (C) on 12/09/83.

Conditions Prior to Occurrence:

Unit 1 in mode 5 with RCS temperature and pressure at 134 degrees F and 340 psig.
Unit 2 in mode 1 at 100% RTP.

Apparent Cause of Occurrence:

Inspection of turbocharger, power assembly, and gear box by the manufacturer (Electro Motive Division of General Motors) revealed that the wrist pin bolts on the number 8 cylinder had not been properly torqued.

Analysis of Occurrence:

GM-EMD has stated that this is the first such failure since 1979 (out of 134,687 power assemblies) due to incorrect torquing of power assemblies at factory.

Corrective Action:

The power assembly, turbocharger, and gear box were removed and shipped to GM-EMD for further inspection and evaluation.

A new turbocharger, two new power assemblies, new cam drive gear train, and a new crankcase pressure detector were installed and the diesel returned to service at 0435 (C) on 12/12/83.

Failure Data:

None.