



Southern Nuclear Operating Company
the southern electric system

J. D. Woodard
Vice President
Farley Project

10 CFR 50.36

March 24, 1993

Docket Nos. 50-348
50-364

U. S. Nuclear Regulatory Commission
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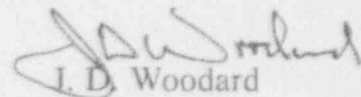
Joseph M. Farley Nuclear Plant
Annual Diesel Generator Reliability Data Report

Gentlemen:

Provided as Attachment 1 is the Annual Diesel Generator Reliability Data Report which is submitted in accordance with Technical Specification 6.9.1.12. This report provides the number of tests (valid or invalid) and the number of failures for each diesel generator at Farley Nuclear Plant for 1992. Attachment 2 provides the information identified in Regulatory Position C.3.b of Regulatory Guide 1.108, Revision 1, 1977, for the failure.

Please advise if you want additional information or have any questions.

Respectfully submitted,


J. D. Woodard

DRC:cht-DG-AR.DRC
NEL-93-0112

Attachments

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cc: Mr. S. D. Ebner
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ATTACHMENT 1

ANNUAL DIESEL GENERATOR RELIABILITY DATA REPORT FOR 1992

ANNUAL DIESEL GENERATOR RELIABILITY DATA REPORT FOR 1992

Diesel Generator	1-2A	1B	2B	1C	2C	TOTAL
Valid Successful Tests	40	36	38	36	33	183
Invalid Tests	19	18	7	15	23	82
Valid Failures	0	0	0	0	1	1
Invalid Failures	0	0	0	0	0	0

This diesel generator (DG) reliability data report for 1992 is submitted in accordance with Technical Specification 6.9.1.12. The table above shows the number of tests (valid or invalid) and the number of failures for each of the five DGs at Farley Nuclear Plant.

ATTACHMENT 2

INFORMATION IDENTIFIED IN REGULATORY POSITION C.3.B OF
REGULATORY GUIDE 1.108, REVISION 1, 1977

2C DG FAILURE ON 08-20-92

The 2C diesel generator was removed from service for various maintenance tasks. During the maintenance outage, the diesel generator was started at 0755 on 08/20/92 and failed to reach rated voltage in the time required by Technical Specifications. This was due to the inability to control voltage from the Emergency Power Board (EPB).

Investigation revealed that the voltage adjust switch contacts on the EPB were operating intermittently, and also the automatic voltage control relay had an open coil. The intermittently operating contacts and the relay coil were replaced. The diesel was re-tested with satisfactory results. An FNP maintenance history search was performed, which indicated that this was a singular failure.

The 2C diesel generator was returned to service at 1830 on 08/21/92. This failure was the first failure in the last 100 valid tests. The surveillance test interval remained at once per 14 days, which is in conformance with the schedule of Regulatory Position C.2.d in Regulatory Guide 1.108, Revision 1, August 1977.