

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Sequoyah, Unit 1										DOCKET NUMBER (2) 0 5 0 0 0 3 2 1 7 1 OF 0 2										PAGE (3) 1 OF 0 2									
TITLE (4) Diesel Generator Inoperability																													
EVENT DATE (5)			LER NUMBER (6)				REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)																			
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES Sequoyah, Unit 2							DOCKET NUMBER (5) 0 5 0 0 0 3 2 8													
0	8	2	7	8	5	8	5	0	3	4	0	0	0	9	2	6	8	5	0 5 0 0 0										
OPERATING MODE (9)		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5. (Check one or more of the following) (11):																											
5		20.402(b)				20.408(e)				50.73(a)(2)(iv)				73.71(b)															
POWER LEVEL (10)		20.408(a)(1)(i)				50.38(e)(1)				50.73(a)(2)(v)				73.71(c)															
0 10 0		20.408(a)(1)(ii)				50.38(e)(2)				50.73(a)(2)(vi)				XX OTHER (Specify in Abstract below and in Text, NRC Form 366A)															
		20.408(a)(1)(iii)				50.73(a)(2)(iii)				50.73(a)(2)(viii)(A)				Information Only															
		20.408(a)(1)(iv)				50.73(a)(2)(ii)				50.73(a)(2)(viii)(B)																			
		20.408(a)(1)(v)				50.73(a)(2)(iii)				50.73(a)(2)(ix)																			
LICENSEE CONTACT FOR THIS LER (12)																													
NAME Glenn Duggin, Compliance Section Engineer										TELEPHONE NUMBER 6 1 5 8 7 0 - 6 5 4 8																			
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13):																													
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC																				
SUPPLEMENTAL REPORT EXPECTED (14)										EXPECTED SUBMISSION DATE (15)																			
YES (If yes, complete EXPECTED SUBMISSION DATE):										XX NO																			

ABSTRACT (Limit to 1400 spaces, i.e., approximately 11 lines single space typewritten lines) (16)

This LER is for information only, and it is not reportable per 10 CFR 50.73.

While performing Surveillance Instruction (SI)-26, "Unit 2 Diesel Generator Testing for Unit 1 Surveillance Requirements," the 2B-B diesel generator (D/G) did not perform correctly. Investigation revealed that the electrical connector between the control panel and the hydraulic actuator on the engine governor of D/G 2B-1 was loose. The connector was checked, reconnected, and tightened. D/G 2B-B was started, and the governor operated correctly.

The conduit that holds the Amphenol connector to the governor has a thread mismatched with the governor. During previous maintenance on this connector, the threads have become worn and have made it difficult to make a tight connection. This has been discussed with the vendor, and the vendor has issued a 10 CFR Part 21 on the connector. The vendor is now supplying a new conduit with matching threads which TVA is procuring. The new conduit will prevent future problems of this type.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104
EXPIRES 8/31/86

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
Sequoyah, Unit 1	0500032785	03	4	00	02	OF	02

TEXT (if more space is required, use additional NRC Form 365A's) (17)

This LER is for information only, and it is not reportable per 10 CFR 50.73.

Unit 1 was in mode 5 (0 percent power, 300 psig, 162 degrees F), and unit 2 was in mode 5 (0 percent power, 300 psig, 141 degrees F).

While performing Surveillance Instruction (SI)-26, "Unit 2 Diesel Generator Testing for Unit 1 Surveillance Requirements," the 2B-B diesel generator (D/G) did not perform correctly. Since SI-26 was being performed in mode 5 and limiting condition for operation (LCO) 3.8.1.1 is only applicable in modes 1 through 4, no action statements were entered for this event. LCO 3.8.1.2 requires one train of D/Gs operable in modes 5 and 6 which was met by 'A' train D/Gs being operable.

Investigation revealed that the electrical connector between the control panel and the hydraulic actuator on the engine governor of D/G 2B-1 was loose. The conduit that holds the Amphenol connector to the governor has a thread mismatched with the governor. During previous maintenance on this connector, the threads have become worn and have made it difficult to ensure a tight connection. The connector was checked, reconnected, and tightened. D/G 2B-B was started, and the governors operated correctly. The generators are driven by two engines each, and only one engine was affected.

Conversations were conducted with the manufacturer concerning the conduit connection on September 4 and 6, 1985 (Power Systems Division of Morrison-Knudsen). The Power Systems Division (PSD) determined that the conduit was a defect in their equipment and is reportable as required by 10 CFR Part 21. PSD is going to file a notice with NRC. The opinion of PSD is that the defect does not render the D/G inoperative as long as the connection is tight. PSD does recommend surveillance of the connector be initiated and the new conduit installed as soon as possible. While repairing D/G 2B-B, all the other D/G connections were verified for tightness. All of the D/Gs are run at least once per month to verify operability. New conduits that are threaded correctly are on order and will be installed when they arrive.

This event had no effect on public health or safety, and no safety margins were exceeded. No technical specification actions were entered or exceeded.

TENNESSEE VALLEY AUTHORITY

Sequoyah Nuclear Plant
Post Office Box 2000
Soddy Daisy, Tennessee 37379

September 26, 1985

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

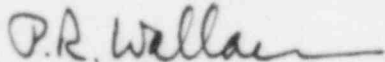
Gentlemen:

TENNESSEE VALLEY AUTHORITY - SEQUOYAH NUCLEAR PLANT UNIT 1 - DOCKET NO.
50-327 - FACILITY OPERATING LICENSE DPR-77 - REPORTABLE OCCURRENCE REPORT
SQRO-50-327/85034

The enclosed licensee event report provides details concerning an inoperable diesel generator discovered during normal surveillance. This event is reported for information only.

Very truly yours,

TENNESSEE VALLEY AUTHORITY



P. R. Wallace
Plant Manager

Enclosure
cc (Enclosure):

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NRC Inspector, NUC PR, Sequoyah

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