

ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR:9012070241 . DOC.DATE: 90/11/29 NOTARIZED: NO DOCKET #
 FACIL:50-397 WPPSS Nuclear Project, Unit 2, Washington Public Powe 05000397
 AUTH.NAME AUTHOR AFFILIATION
 ARBUCKLE,J.D. Washington Public Power Supply System
 BAKER,J.W. Washington Public Power Supply System
 RECIP.NAME RECIPIENT AFFILIATION

SUBJECT: LER 90-027-00:on 901030,diesel fuel oil not tested for
 sulfur content & water in accordance w/Tech Specs.

DISTRIBUTION CODE: IE22T COPIES RECEIVED:LTR 1 ENCL 1 SIZE: 2
 TITLE: 50.73/50.9 Licensee Event Report (LER), Incident Rpt, etc:

NOTES:

	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL
	PD5 LA	1 1	PD5 PD	1 1
	ENG,P.L.	1 1		
INTERNAL:	ACNW	2 2	ACRS	2 2
	AEOD/DOA	1 1	AEOD/DSP/TPAB	1 1
	AEOD/ROAB/DSP	2 2	NRR/DET/ECMB 9H	1 1
	NRR/DET/EMEB 7E	1 1	NRR/DLPQ/LHFB11	1 1
	NRR/DLPQ/LPEB10	1 1	NRR/DOEA/OEAB	1 1
	NRR/DREP/PRPB11	2 2	NRR/DST/SELB 8D	1 1
	NRR/DST/SICB 7E	1 1	NRR/DST/SPLB8D1	1 1
	NRR/DST/SRXB 8E	1 1	REG FILE 02	1 1
	RES/DSIR/EIB	1 1	RGN5 FILE 01	1 1
EXTERNAL:	EG&G BRYCE,J.H	3 3	L ST LOBBY WARD	1 1
	NRC PDR	1 1	NSIC MAYS,G	1 1
	NSIC MURPHY,G.A	1 1	NUDOCS FULL TXT	1 1

085602312

NOTE TO ALL "RIDS" RECIPIENTS:

PLEASE HELP US TO REDUCE WASTE! CONTACT THE DOCUMENT CONTROL DESK,
 ROOM P1-37 (EXT. 20079) TO ELIMINATE YOUR NAME FROM DISTRIBUTION
 LISTS FOR DOCUMENTS YOU DON'T NEED!

FULL TEXT CONVERSION REQUIRED
 TOTAL NUMBER OF COPIES REQUIRED: LTTR 33 ENCL 33

A16-4
 ent

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

P.O. Box 968 • 3000 George Washington Way • Richland, Washington 99352

Docket No. 50-397

November 29, 1990
G02-90-196

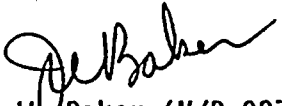
Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Subject: NUCLEAR PLANT NO. 2
LICENSEE EVENT REPORT NO. 90-027

Dear Sir:

Transmitted herewith is Licensee Event Report No. 90-027 for the WNP-2 Plant. This report is submitted in response to the report requirements of 10CFR50.73 and discusses the items of reportability, corrective action taken, and action taken to preclude recurrence.

Very truly yours,


J. W. Baker (M/D 927M)
WNP-2 Plant Manager

JWB:lr

Enclosure:
Licensee Event Report No. 90-027

cc: Mr. John B. Martin, NRC - Region V
Mr. C. Sorensen, NRC Resident Inspector (M/D 901A)
INPO Records Center - Atlanta, GA
Mr. D. L. Williams, BPA (M/D 399)
NRC Resident Inspector - walk over copy

9012070241 901129
PDR ADOCK 05000397
S PDC

P 085642312

IE22
11

LICENSEE EVENT REPORT (LER)

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 50.0 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE RECORDS AND REPORTS MANAGEMENT BRANCH (P-530), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

FACILITY NAME (1) Washington Nuclear Plant - Unit 2										DOCKET NUMBER (2) 0 5 0 0 0 3 9 7 1										PAGE (3) 1 OF 0 7			
TITLE (4) Diesel Fuel Oil Not Tested For Sulfur Content and Water in Accordance with the Technical Specifications due to Less Than Adequate Procedures/Procedure Review																							
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			DOCKET NUMBER(S)											
1	0	3	0	9	0	0	2	7	0	0	1	1	2	9	9	0	0	5	0	0	0	0	0
OPERATING MODE (9)		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)																					
1		20.402(b)				20.405(c)				50.73(a)(2)(iv)				73.71(b)									
POWER LEVEL (10)		1 0 0				20.405(a)(1)(i)				50.73(a)(2)(v)				73.71(c)									
		20.405(a)(1)(ii)				50.38(c)(1)				50.73(a)(2)(vi)				OTHER (Specify in Abstract below and in Text, NRC Form 366A)									
		20.405(a)(1)(iii)				50.38(c)(2)				50.73(a)(2)(vii)													
		20.405(a)(1)(iv)				50.73(a)(2)(i)				50.73(a)(2)(viii)(A)													
		20.405(a)(1)(v)				50.73(a)(2)(ii)				50.73(a)(2)(viii)(B)													
		20.405(a)(1)(vi)				50.73(a)(2)(iii)				50.73(a)(2)(ix)													
LICENSEE CONTACT FOR THIS LER (12)																							
NAME J. D. Arbuckle, Compliance Engineer										TELEPHONE NUMBER 5 0 9 3 7 7 - 2 1 1 5													
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)		MONTH	DAY	YEAR							
<input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE)												<input checked="" type="checkbox"/> NO											

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

On October 30, 1990 it was determined that an event that was discovered on October 29, 1990 was reportable as a violation of the Technical Specifications in that the emergency diesel generator fuel oil was not tested by a commercial vendor for sulfur content in accordance with the Plant Technical Specifications. During a review of testing documentation associated with a recent fuel oil sample, a Procurement Quality Assurance Receiving Inspector noted that the sulfur analysis method used by the vendor was not one of the methods as prescribed by the Technical Specifications. In direct conflict with Supply System procurement policy, the vendor had changed the methodology used to test for sulfur without prior notification. Because the Plant was not in literal compliance with the Technical Specifications, all diesel fuel was considered to be technically inoperable. Accordingly, at 1407 hours on October 30, 1990 Technical Specification 3.0.3 was entered and an "Unusual Event" was declared. On October 30, 1990 at 1719 hours, a Waiver of Compliance was received from the NRC, Technical Specification 3.0.3 was exited and the "Unusual Event" was terminated.

On November 8, 1990, during performance of the Root Cause Analysis for this event, another reportable event was discovered pertaining to Technical Specification diesel fuel testing requirements. It was determined that neither records nor procedures existed for the Technical Specification requirement of checking for water accumulation in the diesel fuel oil storage tanks on a 31-day basis.

LICENSEE EVENT REPORT (LER)
TEXT CONTINUATION

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 60.0 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE RECORDS AND REPORTS MANAGEMENT BRANCH (P-530), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
Washington Nuclear Plant - Unit 2	0 5 0 0 0 3 9 7	9 0	0 2 7	0 0 0	1 2	OF	0 7

TEXT (If more space is required, use additional NRC Form 366A's) (17)

Abstract (contd.)

Immediate corrective action for the diesel fuel oil sulfur testing methodology event consisted of requesting an NRC Waiver of Compliance because the fuel oil in the storage tanks satisfied the Technical Specification requirements, with the exception of testing for sulfur which was performed to a standard different than that specified by the Technical Specifications. Furthermore, it was determined that the alternate method used by the vendor provided an acceptable degree of accuracy and; therefore, diesel performance would not be impaired. With regard to the diesel fuel oil tank water testing event, immediate corrective action consisted of testing the diesel fuel storage tanks for water accumulation. As a result of this testing, the diesel fuel was determined to be free of water.

The cause of the diesel fuel oil sulfur testing methodology event was less than adequate procedures in that administrative or procedural barriers were not in place to specifically require verification of the fuel testing methods used by the vendor. The cause of the diesel fuel oil tank water testing event was less than adequate procedure preparation/review. As a result of a previous event (LER 90-001), the frequency for testing for accumulated water in the diesel fuel oil storage tanks was changed from once every 92 days to once every 31 days. During the procedure revision process to change this frequency, the requirement to sample for water was inadvertently omitted from the procedure.

Further corrective actions consist of 1) revising applicable procedures to specify the Technical Specification-prescribed test methodologies that can be used for each diesel fuel oil analysis, 2) issuing a formal notice to the diesel fuel testing vendor for the failure to perform a contractual requirement, 3) revising applicable procedures to ensure that the diesel storage tanks are checked for accumulated water on a 31-day basis, and 4) performing a review to ensure that all Technical Specification requirements pertaining to diesel fuel oil were addressed in Plant procedures.

These events posed no threat to the health and safety of either the public or Plant personnel.

Plant Conditions

- a) Plant Mode - 1 (Power Operation)
- b) Power Level - 100%

Event Description

On October 30, 1990 it was determined that an event that was discovered on October 29, 1990 was reportable as a violation of the Technical Specifications in that the emergency diesel generator fuel oil was not tested by a commercial vendor for sulfur content in accordance with the requirements in the Plant Technical Specifications. This discrepancy was discovered during a receiving inspection review of documentation associated with the testing results for a recent diesel fuel oil sample.

LICENSEE EVENT REPORT (LER)
TEXT CONTINUATION

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 500 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE RECORDS AND REPORTS MANAGEMENT BRANCH (P-530), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

FACILITY NAME (1) Washington Nuclear Plant -- Unit 2	DOCKET NUMBER (2) 0 5 0 0 0 3 9 7	LER NUMBER (6)			PAGE (3)		
		YEAR 9 0	SEQUENTIAL NUMBER — 0 2 7	REVISION NUMBER — 0 0	0 3 OF 0 7		

TEXT (If more space is required, use additional NRC Form 366A's) (17)

During the review, a Procurement Quality Assurance Receiving Inspector noted that the sulfur analysis method used by the vendor (SGS Control Services) was not one of the methods as prescribed by the Technical Specifications. The Technical Specifications require that diesel fuel sulfur analysis be determined by either ASTM-D129-64, ASTM-D1552-79 or ASTM-D2622-82. However, for this particular sample, the vendor used ASTM-D4294, "Standard Test Method for Sulfur in Petroleum Products by Non-Dispersive X-Ray Fluorescence Spectrometry." It should be noted that the current revision to the Standard Specification for Diesel Fuel Oils (ASTM-D975-89A) recognizes ASTM-D4294 as an acceptable alternative for sulfur testing. However, because the method used was not allowed by the Technical Specifications, a Problem Evaluation Request (PER) was written on October 29, 1990 to resolve this discrepancy. On October 30, 1990, during a Management Review Committee (MRC) of the PER, it was determined that the Plant was not in literal compliance with the Technical Specifications and, as a result, all diesel fuel was considered to be technically inoperable. Accordingly, at 1407 hours, Technical Specification 3.0.3 was entered and an "Unusual Event" was declared. In addition, the MRC directed that a Root Cause Analysis be performed for this problem.

Following entry into Technical Specification 3.0.3, an NRC Waiver of Compliance from the Diesel Fuel Oil testing requirements was requested. The rationale for requesting the waiver was that the fuel oil in the storage tanks for the diesels satisfied the Technical Specification requirements, with the exception of testing for sulfur which was performed to a standard different from that specified by the Technical Specifications. Furthermore, it was determined that the alternate method used by the vendor provided an acceptable degree of accuracy. The ASTM-D4294 testing results for maximum allowable sulfur content were also in agreement with the limits (less than 0.5 weight percent) specified in ASTM-D975-81 and referenced in the Technical Specifications. As a result, there was not a potential for fuel oil degradation and; therefore, diesel performance would not be impaired by use of the alternate standard. On October 30, 1990 at 1719 hours the Waiver of Compliance was received from the NRC, Technical Specification 3.0.3 was exited and the "Unusual Event" was terminated.

On November 8, 1990, during performance of the Root Cause Analysis for this event, another reportable event was discovered pertaining to Technical Specification diesel fuel testing requirements. It was determined that records did not exist for the Technical Specification requirement of checking for water accumulation in the diesel fuel oil storage tanks. The Technical Specifications require checking for and removing accumulated water in the diesel fuel tanks on a 31-day frequency. Records could not be located that would indicate that this was being accomplished, nor could a surveillance procedure be found for implementing this requirement.

LICENSEE EVENT REPORT (LER)
TEXT CONTINUATION

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 50.0 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE RECORDS AND REPORTS MANAGEMENT BRANCH (P-530), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

FACILITY NAME (1) Washington Nuclear Plant - Unit 2	DOCKET NUMBER (2) 0 5 0 0 0 3 9 7	LER NUMBER (6)			PAGE (3)		
		YEAR 9 0	SEQUENTIAL NUMBER 0 2 7	REVISION NUMBER 0 0			

TEXT (If more space is required, use additional NRC Form 366A's) (17)

When this new problem was discovered, the diesel fuel storage tanks were immediately tested for water accumulation by Plant Chemistry Technicians. A water and sediment analysis was performed in accordance with Plant Procedure (PPM) 12.5.21, "Diesel Fuel," which verified that the storage tanks were free of water. The fuel oil storage tanks (DO-TK-1A, DO-TK-1B and DO-TK-2) were sampled below the transfer pumps, and the results were less than 0.05% by volume in accordance with ASTM-D1796. Accordingly, the Emergency Diesels (DG-1, DG-2 and DG-3) were operable and in full compliance with this Technical Specification requirement.

Immediate Corrective Action

1. With regard to the fuel oil sulfur testing methodology, Technical Specification 3.0.3 was entered and an "Unusual Event" was declared. Following receipt of NRC Waiver of Compliance for the Technical Specification testing requirement, Technical Specification 3.0.3 was exited and the "Unusual Event" was terminated.
2. With regard to the fuel oil tank water testing issue, the fuel was tested and determined to be free of water. Accordingly, the Emergency Diesels were operable and in full compliance with the Technical Specifications.

Further Evaluation and Corrective ActionA. Further Evaluation

1. These two events are reportable in accordance with the requirements of 10CFR50.73(a)(2)(i)(B) as conditions prohibited by the Plant's Technical Specifications. The sulfur testing event is also reportable due to entry into Technical Specification 3.0.3.
2. There were no structures, components or systems that were inoperable at the start of this event that contributed to the event.
3. The root cause of the diesel fuel oil sulfur testing methodology event is Less Than Adequate Procedures. The Supply System did not have administrative or procedural barriers in place to specifically require verification of the fuel testing methods used by the vendor.

As a result of further investigation into this matter, it was discovered that the vendor (SGS Control Services) had changed the methodology used to test for sulfur during the time-frame of December 18, 1989 to January 4, 1990. In direct conflict with Supply System procurement policy, the vendor did not provide prior notification that the testing method was changed from ASTM-D129 (a method allowed by the Technical Specifications) to ASTM-D4294. Discussions with the vendor revealed that the reasons for the

LICENSEE EVENT REPORT (LER)
TEXT CONTINUATION

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 500 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE RECORDS AND REPORTS MANAGEMENT BRANCH (P-530), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		9 0	- 0 2 7	- 0 0	0 5	OF	0 7

TEXT (If more space is required, use additional NRC Form 366A's) (17)

change were ease of performance, less time expended, less frequent equipment calibrations and that the ASTM-D4294 analysis results were as accurate, if not more so, than the previous methods used. The vendor also acknowledged that prior notification of this change was not made to the Supply System.

However, the Supply System must assume the responsibility for not preventing this violation of the Technical Specifications. During the investigation into the cause of this event it was determined that, when fuel oil testing results are received, the Supply System does not have administrative or procedural barriers to specifically require verification of any testing methods used by the vendor. Although the vendor test was included in the receiving inspection package for this particular situation, this test data is not normally included in the package for review.

4. The root cause of the diesel fuel oil water sampling event is Less Than Adequate Procedure Preparation/Review. A previous LER (90-001) documented a situation where the diesel fuel did not meet the oxygen accelerated stability test requirements of a Technical Specification surveillance procedure. This LER was submitted to the NRC on February 1, 1990. As a result of this event, a request for an amendment to the Technical Specifications was submitted to the NRC to allow for a more comprehensive and effective diesel fuel oil surveillance program to be implemented at WNP-2. Included in the amendment was a change in the frequency for testing for accumulated water in the diesel fuel oil storage tanks from once every 92 days to once every 31 days. During the procedure revision process to change this frequency, the requirement to sample for water accumulation was inadvertently omitted from the procedure. Furthermore, this 31-day water testing requirement was not included in the computerized Scheduled Maintenance System (SMS) surveillance tracking program. Although it could not be precisely determined where in the process this oversight occurred, it appears that a contributing factor may have been less than adequate communications between Plant Operations and Plant Chemistry personnel during the revision process. Both groups have separate responsibilities for checking for accumulated water in the diesel fuel oil storage tanks.

Furthermore, another LER (90-007) documented a situation where it was discovered that the Technical Specification requirement to "check for water in the Diesel Day Tanks after operation for more than one hour" was not implemented. This LER was submitted to the NRC on April 13, 1990. The current Technical Specification requirement (which was in effect at that time) is to 1) "Check for and drain any accumulated water from the day tanks at least once per 31 days and after each occasion when the diesel is operated for greater than one hour," and 2) "Check for

LICENSEE EVENT REPORT (LER)
TEXT CONTINUATION

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 60.0 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE RECORDS AND REPORTS MANAGEMENT BRANCH (P-530), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

FACILITY NAME (1)

DOCKET NUMBER (2)

LER NUMBER (6)

PAGE (3)

Washington Nuclear Plant - Unit 2

0 5 0 0 0 3 9 7

YEAR

SEQUENTIAL
NUMBERREVISION
NUMBER

9 1 0

- 0 2 1 7

- 0 1 0 0

1 6 OF 0 1 7

TEXT (If more space is required, use additional NRC Form 366A's) (17)

accumulated water at the bottom of the storage tank below the transfer pump every 31 days. Initiate the procedure for pumping off accumulated water within 48 hours of detection." Corrective actions for that LER were to revise applicable procedures to require documented evidence of the day tank water check if the Diesel Generators are operated, and to continue with verification of the adequacy of procedural compliance with Technical Specification requirements as part of the ongoing Technical Specification Improvement Program. This event is now recognized as a missed opportunity to identify and correct the additional deficiencies discovered pertaining to checking for accumulated water in the Diesel Storage Tanks.

A. Further Corrective Action

1. Arrangements have been made for the diesel fuel oil testing vendor to transmit the results, by means of FAX, to Plant Chemistry personnel upon completion of the test. Plant Chemistry will also provide a copy of the test report to the Procurement Quality Assurance Department (Receiving Inspection) for review.
2. Applicable procedures will be revised to specify the Technical Specification-prescribed ASTM test methodologies that can be used for each required diesel fuel oil analysis. The revised procedures will also include a space for verification that the correct ASTM method was used for each analysis.
3. Three diesel fuel oil samples were submitted to the testing vendor for re-evaluation of sulfur content. The fuel oil was re-analyzed using three methods (ASTM-D4294, ASTM-D1552 and ASTM- D2622). In each case, the test results were within the acceptance criteria.
4. A formal notice for the failure to perform a contractual requirement will be issued to SGS Control Services for not notifying the Supply System prior to changing the diesel fuel oil test methodology.
5. Applicable procedures will be revised to ensure that the Diesel Storage Tanks are checked for accumulated water on a 31-day frequency as required by the Technical Specifications.
6. A review was performed to ensure that all Technical Specification requirements pertaining to diesel fuel oil were addressed in Plant procedures. No additional discrepancies were discovered as a result of this review.

LICENSEE EVENT REPORT (LER)
TEXT CONTINUATION

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 50.0 HRS. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE RECORDS AND REPORTS MANAGEMENT BRANCH (P-630), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0104), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

FACILITY NAME (1)

DOCKET NUMBER (2)

LER NUMBER (6)

PAGE (3)

Washington Nuclear Plant - Unit 2

0 | 5 | 0 | 0 | 0 | 3 | 9 | 7

YEAR

-

0 | 2 | 7

-

0 | 0 | 0

0 | 7

OF

0 | 7

TEXT (If more space is required, use additional NRC Form 366A's) (17)

7. As stated in LER 90-007, we will continue to reverify the adequacy of our procedural compliance to Technical Specification requirements as part of the ongoing Technical Specification Improvement Program (TSIP).

Safety Significance

There is no safety significance associated with these two events. Further testing determined that the diesel fuel oil was within acceptable limits during these event periods. The sulfur content of the fuel oil was acceptable when tested by three separate methods, two of which were allowed by the Technical Specifications. The fuel oil was also sampled for accumulated water and the results were within acceptable limits. As a result, all three Emergency Diesel Generators were operable during these events. Accordingly, the events posed no threat to the health and safety of either the public or Plant personnel.

Similar Events

LER 90-007, "Noncompliance with Technical Specification Requirements to Sample for Water in Diesel Generator Fuel."

EIIS InformationText ReferenceEIIS Reference

System Component

Diesel Storage Tanks (DO-TK-1A,
DO-TK-1B and DO-TK-2)

DC

TK

Diesel Generators (DG-1, DG-2 and DG-3)

EB

DG

