



April 4, 2002

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Washington, DC 20555

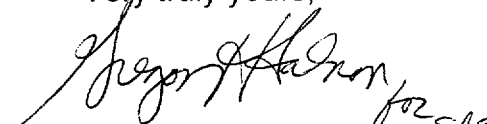
Gentlemen:

Subject: VIRGIL C. SUMMER NUCLEAR STATION
DOCKET NO. 50-395
OPERATING LICENSE NO. NPF-12
LICENSEE EVENT REPORT (LER 2002-001-00)
MISSED ANALYSES ON DIESEL FUEL OIL SAMPLE

Attached is Licensee Event Report (LER) No. 2002-001-00, for the Virgil C. Summer Nuclear Station (VCSNS). The report describes a failure to perform all required analyses on diesel fuel oil as required by STP 606.001 and Technical Specification 4.8.1.1.2.d.2. This is a voluntary report.

Should you have any questions, please call Mr. Mel Browne at (803) 345-4141.

Very truly yours,



Stephen A. Byrne *for SAB*

SBR/SAB/sr
Attachment

c: N. O. Lorick
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RTS (0-C-02-0236)
File (818.07)
DMS (RC-02-0050)

IE22

LICENSEE EVENT REPORT (LER)

(See reverse for required number of digits/characters for each block)

Estimated burden per response to comply with this mandatory information collection request: 50 hours. Reported lessons learned are incorporated into the licensing process and fed back to industry. Send comments regarding burden estimate to the Records Management Branch (T-6 E6), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to bjs1@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202 (3150-0104), Office of Management and Budget, Washington, DC 20503.

1. FACILITY NAME Virgil C. Summer Nuclear Station	2. DOCKET NUMBER 05000395	3. PAGE 1 OF 3
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4. TITLE
Missed Analyses on Diesel Fuel Oil Sample

5. EVENT DATE			6. LER NUMBER			7. REPORT DATE			8. OTHER FACILITIES INVOLVED	
MO	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REV NO	MO	DAY	YEAR	FACILITY NAME	DOCKET NUMBER
02	04	02	2002	- 001	- 00	04	04	02		05000395
									FACILITY NAME	DOCKET NUMBER

9. OPERATING MODE 1	11. THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check all that apply)										
	<input type="checkbox"/> 20.2201(b)	<input type="checkbox"/> 20.2203(a)(3)(ii)	<input type="checkbox"/> 50.73(a)(2)(ii)(B)	<input type="checkbox"/> 50.73(a)(2)(ix)(A)							
10. POWER LEVEL 100	<input type="checkbox"/> 20.2201(d)	<input type="checkbox"/> 20.2203(a)(4)	<input type="checkbox"/> 50.73(a)(2)(iii)	<input type="checkbox"/> 50.73(a)(2)(x)							
	<input type="checkbox"/> 20.2203(a)(1)	<input type="checkbox"/> 50.36(c)(1)(i)(A)	<input type="checkbox"/> 50.73(a)(2)(iv)(A)	<input type="checkbox"/> 73.71(a)(4)							
	<input type="checkbox"/> 20.2203(a)(2)(i)	<input type="checkbox"/> 50.36(c)(1)(ii)(A)	<input type="checkbox"/> 50.73(a)(2)(v)(A)	<input type="checkbox"/> 73.71(a)(5)							
	<input type="checkbox"/> 20.2203(a)(2)(ii)	<input type="checkbox"/> 50.36(c)(2)	<input type="checkbox"/> 50.73(a)(2)(v)(B)	<input checked="" type="checkbox"/> OTHER	Specify in Abstract below or in NRC Form 366A Voluntary Report						
	<input type="checkbox"/> 20.2203(a)(2)(iii)	<input type="checkbox"/> 50.46(a)(3)(ii)	<input type="checkbox"/> 50.73(a)(2)(v)(C)								
	<input type="checkbox"/> 20.2203(a)(2)(iv)	<input type="checkbox"/> 50.73(a)(2)(i)(A)	<input type="checkbox"/> 50.73(a)(2)(v)(D)								
	<input type="checkbox"/> 20.2203(a)(2)(v)	<input type="checkbox"/> 50.73(a)(2)(i)(B)	<input type="checkbox"/> 50.73(a)(2)(vii)								
	<input type="checkbox"/> 20.2203(a)(2)(vi)	<input type="checkbox"/> 50.73(a)(2)(i)(C)	<input type="checkbox"/> 50.73(a)(2)(viii)(A)								
	<input type="checkbox"/> 20.2203(a)(3)(i)	<input type="checkbox"/> 50.73(a)(2)(ii)(A)	<input type="checkbox"/> 50.73(a)(2)(viii)(B)								

12. LICENSEE CONTACT FOR THIS LER

NAME M. N. Browne, Mgr., Nuclear Licensing & Operating Experience	TELEPHONE NUMBER (Include Area Code) (803) 345-4141
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13. COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO EPIX	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO EPIX
	DG			NO					

14. SUPPLEMENTAL REPORT EXPECTED				15. EXPECTED SUBMISSION DATE		
<input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE).	<input checked="" type="checkbox"/> NO	MONTH	DAY	YEAR		

16. ABSTRACT (Limit to 1400 spaces, i.e., approximately 15 single-spaced typewritten lines)

This is a voluntary report.

On January 25, 2002, diesel fuel was delivered onsite for the emergency diesels. Technical Specification surveillance requirement 4.8.1.1.2.d.2 for fuel analysis is implemented by Surveillance Test Procedure, STP 606.001. This procedure directs that a sample be obtained from each truck delivering diesel fuel oil and selected analyses be performed prior to unloading into the storage tanks. As required, a sample was collected from the diesel fuel oil truck and the appropriate analyses were performed with acceptable results before the truck was unloaded. Seven additional analyses are required to be completed within 30 days of sampling the truck, however the sample collected from the diesel fuel oil truck was mistakenly discarded before the remaining seven analyses were completed.

The cause was determined to be human error. The supervisor had told the individual that it was okay to discard all lube oil samples located on the sample cart. The individual discarded all the old samples on the cart including the diesel fuel oil sample.

The immediate corrective action was to perform all analyses on the contents of both storage tanks. The tanks were determined to be within specification. The emergency diesel generators were operable at all times.

LICENSEE EVENT REPORT (LER)

1. FACILITY NAME	2. DOCKET	6. LER NUMBER			3. PAGE
V.C. Summer Nuclear Station	05000395	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	2 OF 3
		2002	001	00	

17. NARRATIVE (If more space is required, use additional copies of NRC Form 366A)

PLANT IDENTIFICATION

Westinghouse - Pressurized Water Reactor

EQUIPMENT IDENTIFICATION

Diesel Fuel Oil Storage Tanks

IDENTIFICATION OF EVENT

Condition Evaluation Report (CER) 0-C-02-0236 was written to document an event in which diesel generator fuel oil samples had been discarded when the laboratory went to complete the analyses for STP 606.001.

EVENT DATE

February 4, 2002

REPORT DATE

April 4, 2002

CONDITIONS PRIOR TO EVENT

Mode 1 – 100% Reactor Power

DESCRIPTION OF EVENT

On January 25, 2002, a diesel fuel oil truck delivered No. 2 diesel fuel oil for the emergency diesel generator storage tanks. Technical Specification 4.8.1.1.2.d.2 requires twelve diesel fuel oil analyses for each truck arriving onsite for unloading. A sample was collected from the truck for the twelve analyses. In accordance with Surveillance Test Procedure STP 606.001, the five required analyses were performed before the truck was unloaded to ensure the quality of the oil. The remaining seven analyses were required to be completed within thirty days of sampling the truck. The diesel fuel oil sample was placed on a sample cart, which contained additional oil samples from various plant equipment.

On February 4, 2002, it was determined that the diesel fuel oil sample collected on January 25, 2002 had been mistakenly discarded before the remaining seven analyses were completed.

LICENSEE EVENT REPORT (LER)

1. FACILITY NAME	2. DOCKET	6. LER NUMBER			3. PAGE
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17. NARRATIVE (If more space is required, use additional copies of NRC Form 366A)

CAUSE OF EVENT

The cause was determined to be a miscommunication and a failure to check samples prior to disposal. The Chemistry Supervisor told the individual that it was okay to discard all old lube oil samples located on the sample cart. The individual discarded all old samples on the cart including the sample collected on January 25, 2002.

ANALYSIS OF EVENT

This issue did not impact the operability of the emergency diesel generators, since the diesel fuel oil in the diesel fuel oil storage tanks was determined to be satisfactory. Representative samples were obtained from the fuel oil tanks and analysis was performed for all twelve parameters, including those not analyzed on the discarded fuel truck sample. The analyses determined that the fuel oil in the tanks met acceptance criteria for an operable fuel oil source to supply the diesels.

The diesel fuel oil storage tanks have a capacity of 52,000 gallons each with the level maintained at a minimum of 50,680 gallons of fuel during Modes 1 through 4. Each tank received approximately 1200 to 1400 gallons of diesel fuel oil. Since the fuel oil met all required specifications and was determined to be satisfactory, the diesels were operable at all times. All Limiting Conditions for Operations were met and the plant did not operate in a condition prohibited by Technical Specifications.

INTERIM CORRECTIVE ACTIONS

Samples from the "A" and "B" Diesel Fuel Oil Storage Tanks were collected and analyzed on February 5, 2002. All sample results were determined to be satisfactory. The analysis determined that the fuel oil in the tanks met the acceptance criteria for an operable fuel oil source to supply the diesels.

ADDITIONAL CORRECTIVE ACTIONS

This was the first occurrence of this event in the years that the Oil Laboratory has been in operation. The personnel involved have been counseled on the need for accurate communications and self-checking. The site has a comprehensive human performance initiative on going which addresses these tools on a site wide basis. Additionally, the Oil Laboratory has evaluated the event and administrative actions have been taken to ensure that this does not occur in the future.

PRIOR OCCURRENCES

None