NRC FORM 366
(7-77)

LICENSEE EVENT REPORT

CONTROL BLOCK: | | | | | | | (1) (PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0 1	N J S G S 2 (2) LICENSEE CODE	0 0 - 0 0 0 0 0 - 0 0 (3) LICENSE NUMBER	4 1 1 1 1 (4) LICENSE TYPE	CAT (5)	
CON'T 0 1	REPORT SOURCE L (6)	0 5 0 0 0 3 1 1 (7) DOCKET NUMBER	0 5 2 9 8 3 (8) EVENT DATE	0 6 1 5 8 3 (9) REPORT DATE	

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 On May 29, 1983, during routine operation, it was discovered that the diesel fuel oil
0 3 storage tanks had been inadvertently overfilled, resulting in the release of approxi-
0 4 mately 200 gallons of oil to the Delaware River. Prompt notifications were performed
0 5 and the spill was immediately contained with booms. Due to the nature of the release,
0 6 no adverse impact on the environment likely occurred. The incident involved potential
0 7 public interest and environmental impact in accordance with Environmental Technical
0 8 Specificatons Section 5.6.2.1.

	SYSTEM CODE	CAUSE CODE	CAUSE SUBCODE	COMPONENT CODE	COMP SUBCODE	VALVE SUBCODE
0 9	E E (11)	A (12)	B (13)	A C C U M U (14)	Z (15)	Z (16)

(17) LER/RO REPORT NUMBER	EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE	REPORT TYPE		REVISION NO.
	8 3	—	0 2 6	/	0 4	L	—	0

ACTION TAKEN	FUTURE ACTION	EFFECT ON PLANT	SHUTDOWN METHOD	HOURS (22)	ATTACHMENT SUBMITTED	NPRD-4 FORM SUB.	PRIME COMP. SUPPLIER	COMPONENT MANUFACTURER
H (18)	F (19)	Z (20)	Z (21)	0 0 0 0	Y (23)	N (24)	A (25)	X 9 9 9 (26)

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

1 0 Investigation revealed that the operator failed to continuously monitor the tank level
1 1 indication and did not stop the filling operation when the tank was full. The
1 2 operator was disciplined, a detailed procedure will be written for the evolution and
1 3 the system design reviewed for possible improvements to prevent recurrence.
1 4

	FACILITY STATUS	% POWER	OTHER STATUS (30)	METHOD OF DISCOVERY	DISCOVERY DESCRIPTION (32)
1 5	G (28)	0 0 0 (29)	NA	A (31)	Operational Event

	ACTIVITY RELEASED	CONTENT OF RELEASE	AMOUNT OF ACTIVITY (35)	LOCATION OF RELEASE (36)
1 6	Z (33)	Z (34)	NA	NA

PERSONNEL EXPOSURES

	NUMBER	TYPE	DESCRIPTION (39)
1 7	0 0 0 (37)	Z (38)	NA

PERSONNEL INJURIES

	NUMBER	DESCRIPTION (41)
1 8	0 0 0 (40)	NA

LOSS OF OR DAMAGE TO FACILITY (43)

	TYPE	DESCRIPTION
1 9	Z (42)	NA

8307050025 830615
PDR ADOCK 05000311
S PDR

PUBLICITY

	ISSUED	DESCRIPTION (45)	NRC USE ONLY
2 0	N (44)	NA	

NAME OF PREPARER R. Frahm PHONE (609) 935-6000 Ext. 4309

PSE&G

Public Service Electric and Gas Company P.O. Box E Hancocks Bridge, New Jersey 08038

Salem Generating Station

June 22, 1983

Mr. J. Allan
Acting Regional Administrator
USNRC
Region 1
631 Park Avenue
King of Prussia, Pennsylvania 19406

Dear Mr. Allan

LICENSE NO. DPR-75
DOCKET NO. 50-311
REPORTABLE OCCURRENCE 83-026/04L

Pursuant to the requirements of Salem Generating Station Unit No. 2, Environmental Technical Specifications, Section 5.6.2.1, we are submitting Licensee Event Report for Reportable Occurrence 83-026/04L. This report is required within thirty (30) days of the occurrence.

Sincerely yours,

J. M. Zupko, Jr.
General Manager -
Salem Operations

RF:kls

CC: Distribution

Report Number: 83-026/04L

Report Date: 06-15-83

Occurrence Date: 05-29-83

Facility: Salem Generating Station Unit 2
Public Service Electric & Gas Company
Hancock's Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

Unplanned Release of Diesel Fuel Oil to Outside the Owner-Controlled Area.

This report was initiated by Incident Report 83-104.

CONDITIONS PRIOR TO OCCURRENCE:

Mode 5 - Rx Power 0 % - Unit Load 0 MWe.

DESCRIPTION OF OCCURRENCE:

At 0555 hours, May 29, 1983, during routine operation, it was discovered that the diesel fuel oil storage tanks had been inadvertently overfilled, resulting in fuel oil passing out of the tank vents and into the owner-controlled area between the Fuel Handling and Auxiliary Buildings. The oil then flowed into an adjacent storm sewer and into the Delaware River. Approximately 200 gallons of oil were released. Prompt notifications as required by Emergency Procedure EP I-1 were performed, including the U.S. Coast Guard, U.S. Environmental Protection Agency, and New Jersey Department of Environmental Protection.

A contractor experienced in clean-up of oil spills was immediately contacted. The contractor contained the oil slick with absorbant booms. Unabsorbed oil was gradually released from the area within the booms by river wave action. Due to the relatively small volume of the release, the light weight of the oil and the slow rate of dispersion, no adverse impact on the environment likely occurred.

APPARENT CAUSE OF OCCURRENCE:

Investigation of the incident revealed that the operator involved had inadvertently failed to continuously monitor the tank level during the filling evolution and had not terminated the operation when the tank was full. Although no formal procedure existed for the evolution, the operator had been counseled concerning the job by shift supervision. Accepted operating practice dictated continuously monitoring the tank level until the job was completed.

ANALYSIS OF OCCURRENCE:

As noted, due to the circumstances involved in the incident, no adverse environmental impact likely occurred. The incident constituted an unusual event that had high public or potential public

ANALYSIS OF OCCURRENCE: (cont'd)

interest concerning the environmental impact of plant operation. The event is reportable in accordance with Environmental Technical Specification Section 5.6.2.1.

CORRECTIVE ACTION:

As mentioned, the spill was immediately contained. Oil-contaminated soil within the owner-controlled area and the absorbant booms were removed and transferred to a hazardous waste facility. A review of the operator's previous performance was conducted and appropriate disciplinary action was administered.

To increase operator guidance, a formal procedure for the tank filling operation will be implemented. Investigation of the incident revealed that a similar spill could occur in the event that the tank level indication failed. An engineering review of the system will be performed to identify possible improvements in the system to preclude this problem; appropriate changes to the system will be implemented on the basis of the review.

FAILURE DATA:

Not Applicable

Prepared By R. Frahm

General Manager -
Salem Operations

SORC Meeting No. 83-079