

LICENSEE EVENT REPORT

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

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REPORT SOURCE		DOCKET NUMBER										EVENT DATE										REPORT DATE									

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

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

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SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE										COMP SUBCODE		VALVE SUBCODE		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.		ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER																

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

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

1	5	G	28	0	0	0	29	NA	30	A	31	Operational Event	32	2	33	2	34	NA	35	NA	36	PERSONNEL EXPOSURES NUMBER	37	2	38	NA	39	PERSONNEL INJURIES NUMBER	40	NA	41	LOSS OF OR DAMAGE TO FACILITY TYPE	42	NA	43	PUBLICITY ISSUED	44	NA	45	8307050025 830615 PDR ADOCK 05000311 S PDR	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
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FACILITY STATUS		% POWER		OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION		ACTIVITY RELEASED		CONTENT OF RELEASE		AMOUNT OF ACTIVITY		LOCATION OF RELEASE		PERSONNEL EXPOSURES		PERSONNEL INJURIES		LOSS OF OR DAMAGE TO FACILITY		PUBICITY ISSUED		FACILITY STATUS		% POWER		OTHER STATUS		METHOD OF DISCOVERY		DISCOVERY DESCRIPTION		ACTIVITY RELEASED		CONTENT OF RELEASE		AMOUNT OF ACTIVITY		LOCATION OF RELEASE		PERSONNEL EXPOSURES		PERSONNEL INJURIES		LOSS OF OR DAMAGE TO FACILITY		PUBICITY ISSUED					

NAME OF PREPARER

R. Frahm

PHONE (609) 935-6000 Ext. 4309

NRC USE ONLY



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,

A handwritten signature in cursive script, appearing to read "J. M. Zupko, Jr.", is written above the typed name.

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 absorbent 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.

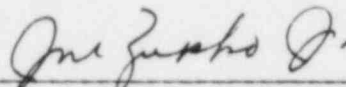
To increase operator guidance, a formal procedure for the tank filling operation will be implemented. Investigation of the incident revealed that a similar spill could occur in the event that the tank level indication failed. An engineering review of the system will be performed to identify possible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

SORC Meeting No. 83-079



General Manager -
Salem Operations