

SEP 19 1985

Docket No. 030-06264

License No. 37-11540-01

Philadelphia Suburban Water Company
ATTN: Rodney Donlan, RSO
762 Lancaster Avenue
Bryn Mawr, Pennsylvania 19010

Gentlemen:

Subject: NOTICE OF VIOLATION 85-01

This refers to the telephone discussion between Miss Judith A. Joustra of this office and yourself on September 5, 1985. From this discussion we learned that you possess a gas chromatograph which contains radioactive material which requires a specific NRC license. Your possession of that material without a valid, specific license is a violation of Section 30.3 of 10 CFR Part 30. Section 30.3 states:

"Except for persons exempt as provided in this part or Part 150 of this chapter, no person shall manufacture, produce, transfer, receive, acquire, own, possess, or use, by-product material except as authorized in a specific or general license issued pursuant to the regulations in this chapter."

This Notice of Violation is sent to you under the provisions of Section 2.201 of the NRC's "Rules of Practice," Part 2, Title 10, Code of Federal Regulations. Section 2.201 requires you to submit to this office a written statement or explanation in reply including: (1) corrective steps which have been taken by you and (2) corrective steps which will be taken to avoid this happening in the future.

We do at this time acknowledge receipt of your request dated August 16, 1985, to amend your NRC License.

You must immediately place the radioactive material of concern in secure storage until such time as you acquire a valid license. No other use of this material is authorized. Include a statement in your reply to this Notice of Violation confirming that you have taken this action and describing the controls that will be exercised over the stored material until such time that you obtain a valid license.

You are required to reply to this Notice within 30 days of the date above. Address your reply to Region I, U.S. Nuclear Regulatory Commission, Attention: John E. Glenn, Ph.D., Chief, Nuclear Materials Section B, 631 Park Avenue, King of Prussia, Pennsylvania 19406.

In accordance with Section 2.790 of the NRC's "Rule of Practice," Part 2, Title 10, Code of Federal Regulations, a copy of this letter and your reply will be placed in the Public Document Room.

OFFICIAL RECORD COPY

LTR - 0001.0.0
09/13/85

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REG1 LIC30
37-11540-01 PDR

RETURN ORIGINAL TO
REGION I

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Philadelphia Suburban Water Company 2

The response directed by this Notice are not subject to the clearance procedures of the Office of Management and Budget as required by the Paperwork Reduction Act of 1980, PL 96-511

We request that you give prompt attention to these matters. Should you have any questions regarding them, we would be pleased to discuss them with you.

Sincerely,

Original Signed By:
John E. Glenn

John E. Glenn, Ph.D., Chief
Nuclear Materials Safety Section B
Division of Radiation Safety
and Safeguards

Enclosure: Guide for Gas Chromatograph & X-ray Fluorescence Analyzers

cc:
Public Document Room (PDR)
Nuclear Safety Information Center (NSIC)
Commonwealth of Pennsylvania

bcc:
Region I Docket Room (w/concurrences)

RI:DRSS
Joustra/djh

9/13/85

RI:DRSS
Glenn

9/13/85
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LTR - 0003.0.0
09/13/85

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO 3150-0104

EXPIRES 8/31/85

FACILITY NAME (1) Fermi-2	DOCKET NUMBER (2) 05000341	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		85	054	00	02	OF	02

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

On August 27, 1985, with the plant in Operational Condition 2 and reactor power at 4.6 percent, an isolation of the High Pressure Coolant Injection System (HPCI) occurred at 0055 hours during surveillance test 44.020.228, "NSSSS- HPCI & RCIC Room Area Temperature Channel B Functional Test". Test personnel were performing surveillances on area temperature switch modules inside Relay Room Panel H11-P614.

The surveillance procedure requires lifting the thermocouple input leads from module E51-N602B (Reactor Core Isolation Cooling System). From the front of Panel H11-P614, test personnel correctly identified the module to be tested. When they entered the rear of the panel to lift the leads on that module, they incorrectly selected module E41-N602B (HPCI) instead. When they lifted the thermocouple leads on module E41-N602B, the HPCI primary containment outboard isolation valve logic tripped as designed.

Outboard isolation valve E41-F600 in the 1-inch HPCI steam supply bypass line closed as designed. The HPCI steam supply outboard isolation valve (E41-F003) and the HPCI pump suction outboard isolation valve (E41-F041) received a close signal but were already closed. (These valves are normally closed in the HPCI standby lineup). Actuation of the HPCI primary containment isolation logic is a reportable ESF actuation.

The Control Room Nuclear Supervising Operator (NSO) determined that the isolation was caused by the testing personnel error. Test personnel relanded the lifted leads, and the NSO reset the HPCI isolation logic and returned HPCI to Standby.

The cause of this event was personnel error in selecting the wrong module (E41-N602B) inside panel H11-P614. To prevent recurrence of this error, diagrams showing the location and identification of the switch modules from the rear of the panel have been added to the affected surveillance procedures (44.020.156, .157, .158, .159, .227, .228, .229, .230). This event has been discussed with all Instrument & Controls test personnel.



Robert S. Lenart
Plant Manager

Fermi-2
6400 North Dixie Highway
Newport, Michigan 48166
(313) 586-5201

September 24, 1985
NP850100



Nuclear
Operations

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

Gentlemen:

Reference: Fermi 2
NRC Docket No. 50-341
NRC Operating License No. NPF-43

Subject: Transmittal of Licensee
Event Report 85-054

Please find enclosed LER No. 85-054-00, dated September 24, 1985, for a reportable event which occurred on August 27, 1985. As indicated below, a copy of this LER is being sent to the Administrator Region III.

If you have any questions, please contact us.

Sincerely,

R. S. Lenart
Plant Manager

Enclosure: NRC Forms 366, 366A

cc: P.M. Byron
M.D. Lynch

Regional Administrator
USNRC Region III
799 Roosevelt Rd.
Glen Ellyn, IL 60137

Director/Coordinator
Monroe City-County Office of Civil Preparedness
965 South Raisinville Road
Monroe, MI 48161

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