

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Haddam Neck										DOCKET NUMBER (2) 0 5 0 0 0 2 1 3 1 OF 0 3										PAGE (3) 1 OF 0 3	
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TITLE (4)

Potential Unauthorized Access to a High Radiation Area

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 Not Applicable						DOCKET NUMBER(S) 0 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0								
0	8	0	3	8	5	8	5	0	2	0	0	0	9	0	3	8	5						

OPERATING MODE (9) 1		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)															
POWER LEVEL (10) 1 0 0		20.402(b)				20.405(c)				50.73(a)(2)(iv)				73.71(b)			
		20.405(a)(1)(i)				50.36(c)(1)				50.73(a)(2)(v)				73.71(c)			
		20.405(a)(1)(ii)				50.36(c)(2)				50.73(a)(2)(vii)				OTHER (Specify in Abstract below and in Text, NRC Form 366A)			
		20.405(a)(1)(iii)				X 50.73(a)(2)(i)				50.73(a)(2)(viii)(A)							
		20.405(a)(1)(iv)				50.73(a)(2)(ii)				50.73(a)(2)(viii)(B)							
		20.405(a)(1)(v)				50.73(a)(2)(iii)				50.73(a)(2)(ix)							

LICENSEE CONTACT FOR THIS LER (12)										TELEPHONE NUMBER									
NAME James D. Brassord, Engineer										AREA CODE 2 0 3 2 6 7 1 - 2 5 5 6									

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	CAUSE	SYSTEM

SUPPLEMENTAL REPORT EXPECTED (14)										EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR
YES (If yes, complete EXPECTED SUBMISSION DATE) X NO														

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

While in the process of installing a permanent access ladder over a dike to a high radiation area, the ladder was left unattended without restricting access to prevent unauthorized entry. This situation was discovered by an Auxiliary Operator approximately four hours after the access ladder had been left unattended. Immediate corrective action involved dismantling the ladder until a locked gate could be installed. This incident is in violation of station technical specifications which require that locked doors or gates be provided to prevent unauthorized or inadvertent entry into high radiation areas. This incident is reportable per 10CFR50.73(a)(2)(i)(B).

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
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TEXT (If more space is required, use additional NRC Form 366A's) (17)

Background

On August 3, 1985 at 1800 hours, plant Operations personnel discovered an unattended and unlocked access to a high radiation area. This situation had been created when plant Maintenance personnel were installing a permanent ladder that was intended to be utilized for access to a diked tank farm. The ladder was left installed at the end of the work day without a locked gate, control device, or any established administrative means to restrict access.

Reportability

This incident is reportable because an unrestricted access to a high radiation area constitutes a condition prohibited by plant Technical Specification 6.13.1 (10CFR50.73(a)(2)(i)(B)).

Safety Assessment

Radiation surveys taken August 3, 1985 indicate that general area radiation for the improperly accessed area were up to 100 mRem/hr with two local hot spots measuring 1.5 Rem/hr and 4.0 Rem/hr on contact. All personnel working on the backshift were questioned whether this unrestricted access to the high radiation area had been utilized. It was determined that no exposure had been incurred as a result of this incident as no personnel had entered via this ladder.

Root Cause

The subject Technical Specification violation can be attributed to a deficiency in the communication of information to the Maintenance personnel physically installing the ladder.

This miscommunication occurred in two ways:

- o The plant Assistant Radiation Protection Supervisor of Operations verbally instructed the job supervisor of the requirement to remove the ladder if the locked gate had not been installed by the end of the work shift. This requirement was not noted on the Radiation Work Permit.
- o The job supervisor neglected to inform the field personnel of the requirement to remove the ladder. Additionally, this requirement was not noted on the Work Order.

Although the requirements to restrict access to the high radiation area had been properly identified, there were no verbal or written communications to the field personnel to provide instruction.

The field design documentation and drawings for the access ladder addressed the requirement for a locked access gate, however, the field personnel utilizing this information were not cognizant of the Technical Specification requirements. Hence, improper sequencing for the installation of the locked gate resulted.

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Corrective Action

Upon discovering this out-of-compliance condition, plant Operations personnel immediately dismantled the partially installed ladder and positioned it such that access to the high radiation area was not possible. Subsequently, the ladder was reinstalled with a locked gate at the base of the ladder.

Actions taken to prevent recurrence of this incident involved instruction of Maintenance job supervisors on high radiation area access requirements.

Similar Occurrences

No similar events with unrestricted access to high radiation areas are known to have happened previously at Connecticut Yankee.



CONNECTICUT YANKEE ATOMIC POWER COMPANY

HADDAM NECK PLANT

RR#1 • BOX 127E • EAST HAMPTON, CONN. 06424

September 3, 1985

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

Reference: Facility Operating License No. DPR-61
Docket No. 50-213
Reportable Occurrence LER 50-213/85-020-00

Gentlemen:

This letter forwards the Licensee Event Report 85-020-00, required to be submitted within thirty days, pursuant to the requirements of 10CFR50.73 (a)(2)(i) as required by Connecticut Yankee Technical Specifications.

Very truly yours,

Richard H. Graves
Station Superintendent

RHG:JDB/dfv

Attachment: LER 85-020-00

cc: Dr. T. E. Murley, Region I

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