

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)
HOPE CREEK GENERATING STATION

DOCKET NUMBER (2)
0 5 0 0 0 3 5 4 1 OF 4

PAGE (3)
1 OF 4

TITLE (4)
ACCESS DOORS TO HIGH-RAD AREAS FOUND UNLOCKED - PERSONNEL ERRORS

EVENT DATE (5)			LSR NUMBER (6)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)		
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES		DOCKET NUMBER(S)
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THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)											

OPERATING MODE (9) 1	20.402(b)	20.406(e)	50.73(a)(2)(iv)	73.71(b)
POWER LEVEL (10) 100	20.406(a)(1)(i)	50.36(e)(1)	50.73(a)(2)(v)	73.71(e)
	20.406(a)(1)(ii)	50.36(e)(2)	50.73(a)(2)(vi)	OTHER (Specify in Abstract below and in Text, NRC Form 365A)
	20.406(a)(1)(iii)	X 50.73(a)(2)(i)	50.73(a)(2)(vii)(A)	
	20.406(a)(1)(iv)	50.73(a)(2)(ii)	50.73(a)(2)(vii)(B)	
	20.406(a)(1)(v)	50.73(a)(2)(iii)	50.73(a)(2)(ix)	

LICENSEE CONTACT FOR THIS LER (12)

NAME: Ann Merrell

TELEPHONE NUMBER: 6 0 9 3 3 9 - 5 2 3 9

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

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE) NO

EXPECTED SUBMISSION DATE (15)

MONTH	DAY	YEAR

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

On July 28 between the hours of 1600 and 1630, the Plant was in OPERATIONAL CONDITION 1 (Power Operation) at 100% power generating 1060 MWe when a Radiation Protection (RP) technician conducting routine surveillances discovered two posted high-rad area doors unlocked. The RP technician reported each unlocked door immediately and established watches until the doors were re-locked. The root cause of this occurrence was personnel errors by the individual exiting the areas in not properly verifying that the doors were locked. Corrective actions included verification that all other doors to high-rad areas were locked, reinforcement counselling, and a review of doors with lock-open capability to determine if this feature should be eliminated. Warning tags for keys will also be provided which require the user to verify locking.

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

PLANT AND SYSTEM IDENTIFICATION

General Electric - Boiling Water Reactor (BWR/4)
Turbine Building High-Rad Doors (EIS Designator:NM)

IDENTIFICATION OF OCCURRENCE

Access Doors to High-Rad Areas Found Unlocked - Personnel Errors

Event Date: July 28, 1988
Event Time 1700 Hours

This LER was initiated by Incident Report No. 88-114

CONDITIONS PRIOR TO OCCURRENCE

The Plant was in OPERATIONAL CONDITION 1 (Power Operation) at 100% power generating 1060 MWe.

DESCRIPTION OF OCCURRENCE

On July 28 at between the hours of 1600 and 1630, a Radiation Protection (RP) technician conducting routine surveillances discovered two posted high-rad area doors unlocked. The RP technician reported each unlocked door immediately and established watches until the doors were re-locked.

APPARENT CAUSE OF OCCURRENCE

The root cause of this occurrence was personnel errors.

ANALYSIS OF OCCURRENCE

Technical Specification 6.12.2 requires that radiation areas in which the dose rate is greater than 1000 mrem/hour be secured by locked doors. The purpose of this requirement is to minimize the possibility of accidental exposure of plant personnel to high radiation. Contrary to this requirement, the elevation 124' steam tunnel and elevation 102' condenser bay doors were found unlocked. It was determined that the last person signing the High Radiation Key Issue Log was an Equipment Operator who had inadvertently left these two doors unlocked for approximately 12 hours.

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TEXT (If more space is required, use additional NRC Form 305A's) (17)

ANALYSIS OF OCCURRENCE (CONTINUED)

These two doors have "lock-open" capability; that is, they can be key-locked to remain open. This feature is desirable since the areas involved are not high-rad areas during plant shutdown. The operator had inadvertently activated this feature. When exiting the high-rad areas, he pulled the doors closed and did not verify that they were locked.

Personnel entering the RCA are trained in the controls and restrictions for posted high rad areas to preclude inadvertent entries. Although it could not be determined if any station personnel entered the high radiation areas while the subject doors were unlocked, the Station Radiation Exposure report was reviewed for the date of this event and it was determined that no unexpected exposures had occurred.

PREVIOUS OCCURRENCES

Two previous similar occurrences due to personnel errors were documented by Incident Reports 87-057 and 88-014. These incidents were not reported since Technical Specification 6.12.2 was considered to be only administrative and not affecting plant operation. This position has been reviewed and it has been determined that incidents of this nature are not solely administrative and will be reported in the future.

SAFETY ASSESSMENT

The doors are utilized for plant ALARA exposure control, and thus had no potential for affecting the health and safety of the general public.

REPORTABILITY

This report is being submitted pursuant to the requirements of 10CFR50.73(a)(2)(i).

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

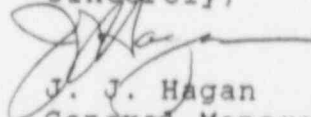
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TEXT (If more space is required, use additional NRC Form 305A's) (17)

CORRECTIVE ACTIONS

1. All other doors to high-rad areas were verified locked.
2. The self-monitoring qualification of the EO involved in this event was rescinded and he was given reinforcement counselling.
3. The Operations Department Manager counselled his department by letter to verify door lock and latch status when re-locking a door to a high-rad area.
4. Review of doors with lock-open capability is being performed to determine if this feature should be eliminated.
5. Single door keys to locked high radiation areas that have "lock open" lock sets will be provided with a large warning tag to identify the type of lock to the user. The tag will require the user to check that the outside door handle to the room/area is locked (or disengaged in the case of a watertight door) as the entry/exit is being made.

Sincerely,



J. J. Hagan
General Manager -
Hope Creek Operations

AM:

SORC Mtg. 88-113



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

Hope Creek Operations

August 29, 1988

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

Dear Sir:

HOPE CREEK GENERATING STATION
DOCKET NO. 50-354
UNIT NO. 1
LICENSEE EVENT REPORT 88-020-00

This Licensee Event Report is being submitted pursuant to the requirements of 10CFR50.73(a)(2)(i).

Sincerely,

A handwritten signature in dark ink, appearing to read "J. J. Hagan".

J. J. Hagan
General Manager -
Hope Creek Operations

AM:

Attachment
SORC Mtg. 88-113

C Distribution

The Energy People

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