

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Hope Creek Generating Station DOCKET NUMBER (2) 050003541 OF 033 PAGE (3)

TITLE (4) Automatic Start of Filtration, Recirculation, And Ventilation System Due to Unknown Causes

EVENT DATE (5)			LER NUMBER (6)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)			
MON	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES		DOCKET NUMBER(S)	
0	2	18	8	7	8	7	0	1	6	0	0	0
0	2	18	8	7	8	7	0	0	0	3	1	8
0	2	18	8	7	8	7	0	5	0	0	0	
0	2	18	8	7	8	7	0	5	0	0	0	

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)	<input checked="" type="checkbox"/>	50.73(a)(2)(iv)	73.71(b)
POWER LEVEL (10) 1, 0, 0	20.406(a)(1)(i)	50.38(e)(1)		50.73(a)(2)(v)	73.71(e)
	20.406(a)(1)(ii)	50.38(e)(2)		50.73(a)(2)(vii)	OTHER (Specify in Abstract below and in Text, NRC Form 365A)
	20.406(a)(1)(iii)	50.73(a)(2)(i)		50.73(a)(2)(viii)(A)	
	20.406(a)(1)(iv)	50.73(a)(2)(ii)		50.73(a)(2)(viii)(B)	
	20.406(a)(1)(v)	50.73(a)(2)(iii)		50.73(a)(2)(ix)	

LICENSEE CONTACT FOR THIS LER (12)

NAME: R. B. Cowles, Lead Engineer - Technical TELEPHONE NUMBER: 6109339-15264

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE) NO EXPECTED SUBMISSION DATE (15)

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

The "E" Filtration, Recirculation, and Ventilation System (FRVS) recirc fan was discovered running by the Reactor Building Equipment Operator at 1600 hours. After confirming the recirc fan was not running for testing or other reasons, the Nuclear Control Operator stopped the fan. A review of applicable control room chart recorders indicated that the fan had started at about 1300. Subsequent investigation by I&C Department and System Engineering could not determine a probable cause for the recirc fan auto-start. As such, no definitive corrective actions relating to the auto-start could be assigned. Because indication of the fan running was not detected during shift turnover (approximately 1500 hours), the need for more attentiveness to indication during shift turnover will be emphasized.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
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TEXT (If more space is required, use additional NRC Form 388A's) (17)

PLANT AND SYSTEM IDENTIFICATION

General Electric - Boiling Water Reactor (BWR/4)
Filtration, Recirculation, and Ventilation System
(EIIIS Designation: BH)

IDENTIFICATION OF OCCURRENCE

Automatic Start Of Filtration, Recirculation And Ventilation System (FRVS) Due To Unknown Causes
Event Date: 02/18/87
Event Time: 1600
This LER was initiated by Incident Report No. 87-033.

CONDITIONS PRIOR TO OCCURRENCE

OPERATIONAL CONDITION 1 (Power Operation), Reactor Power 100%, unit load 1122 MWe.

DESCRIPTION OF OCCURRENCE

On February 18, 1987 the "E" FRVS Recirc Fan was discovered running by the Reactor Building Equipment Operator (EO) at approximately 1600 hours. The EO notified the Nuclear Control Operator (NCO) of this condition, and after confirming the recirc fan was not running for testing or other reasons, the NCO stopped the fan.

APPARENT CAUSE OF OCCURRENCE

Investigation by I&C Department and System Engineering could not determine a probable cause for the recirc fan auto-start.

ANALYSIS OF OCCURRENCE

I&C Department and System Engineering conducted independent investigations of this incident. I&C was unable to correlate the fan start with any surveillance tests in progress at the time the fan started. System Engineering concurred with this analysis, and additionally, researched work in progress at the time of occurrence. Both the departments concluded that a probable cause for the auto-start could not be determined. Because no previous incidents of this nature have occurred at Hope Creek, this event is considered an isolated occurrence.

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

ANALYSIS OF OCCURRENCE CONT'D

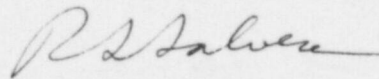
Although not related to the root cause of this occurrence, an investigation was conducted to determine why "E" FRVS Recirc Fan was operating for about three hours before the condition was discovered. The fan started at about 1300 and ran until about 1600. Shift turnover normally occurs at 1500. During the shift turnover process, indications that the recirc fan was running were not detected or not questioned in depth by the oncoming and offgoing shifts. As a result, the fan was operating until the Reactor Building Equipment Operator noticed it during the course of his rounds and informed the shift NCO.

This incident had no safety impact because, had the "E" FRVS Recirc Fan been required to start, it was already running. Additionally, all other FRVS trains were operable at the time of this occurrence.

CORRECTIVE ACTIONS

1. The FRVS Recirc Fan auto-start is considered an isolated occurrence. As such, no definitive corrective actions can be assigned. This incident will be tracked for similar occurrences via the station Response Tracking System.
2. With regard to the fan operating undetected for three hours, Operations Department will stress the need for more attentiveness to indication during shift turnover.

Sincerely,



R. S. Salvesen,
General Manager -
Hope Creek Operations

RBC:tlb
SORC Mtg. 87-035



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

March 17, 1987

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 87-016-00

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

Sincerely,

A handwritten signature in cursive script, appearing to read "R. S. Salvesen".

R. S. Salvesen
General Manager -
Hope Creek Operations

RBC:tlb

Attachment
SORC Mtg. 87-035

C Distribution

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