



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

October 13, 1986

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

Dear Sir:

HOPE CREEK GENERATING STATION
DOCKET NO. 50-354
UNIT NO. 1
SPECIAL REPORT 86-003

This Special Report is being submitted pursuant to the requirements of Technical Specification 3.3.7.2.

Sincerely yours,

R. S. Salvesen
General Manager -
Hope Creek Operations

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Attachment

C Distribution

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PDR ADOCK 05000354
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LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Hope Creek Generating Station		DOCKET NUMBER (2) 0 5 0 0 0 3 5 4	PAGE(S) 1 OF 0 1 3
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TITLE (4)
Seismic Monitoring Instrument Inoperable For More Than 30 Days - Special Report 86-003

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
1	0	0	3	8	6	8	6	N/A	
								DOCKET NUMBER(S) 0 5 0 0 0	
								DOCKET NUMBER(S) 0 5 0 0 0	

OPERATING MODE (9) 4

POWER LEVEL (10) 0 0 0

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)

<input type="checkbox"/> 20.402(b)	<input type="checkbox"/> 20.408(e)	<input type="checkbox"/> 90.73(a)(2)(iv)	<input type="checkbox"/> 73.71(b)
<input type="checkbox"/> 20.408(a)(1)(ii)	<input type="checkbox"/> 90.36(a)(1)	<input type="checkbox"/> 90.73(a)(2)(v)	<input type="checkbox"/> 73.71(e)
<input type="checkbox"/> 20.408(a)(1)(iii)	<input type="checkbox"/> 90.36(a)(2)	<input type="checkbox"/> 90.73(a)(2)(vi)	<input checked="" type="checkbox"/> OTHER (Specify in Abstract below and in Text, NRC Form 366A)
<input type="checkbox"/> 20.408(a)(1)(iii)	<input type="checkbox"/> 90.73(a)(2)(ii)	<input type="checkbox"/> 90.73(a)(2)(vii)(A)	Special Report
<input type="checkbox"/> 20.408(a)(1)(iv)	<input type="checkbox"/> 90.73(a)(2)(iii)	<input type="checkbox"/> 90.73(a)(2)(vii)(B)	
<input type="checkbox"/> 20.408(a)(1)(iv)	<input type="checkbox"/> 90.73(a)(2)(iii)	<input type="checkbox"/> 90.73(a)(2)(ix)	

LICENSEE CONTACT FOR THIS LER (12)

NAME R. G. Birley	TELEPHONE NUMBER 6 1 0 9 3 1 3 1 9 - 1 5 1 2 1 3 1 8
AREA CODE	

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)

MONTH	DAY	YEAR

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

During troubleshooting of the Seismic Instrumentation System it was discovered that one of the monitoring instruments was inoperable. Investigation revealed that the instrument had been inoperable since a design change was made on July 15, 1986 and retesting had not yet been performed. This period of time exceeds the Technical Specification Action Statement allowable time of 30 days. The root cause of this event was personnel error on the part of the Outage Planning Department and the Operations Department. Corrective action consisted of initiation of repair and retesting of the instrument. In addition, Planning and Operations Department personnel will be counseled with regard to Technical Specification operability requirements. This Special Report is being submitted pursuant to Technical Specification 3.3.7.2.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
					0 2	OF	0 3

TEXT (if more space is required, use additional NRC Form 366A 2) (17)

PLANT AND SYSTEM IDENTIFICATION

General Electric - Boiling Water Reactor (BWR/4)
Seismic Instrumentation System (EIS Designator: IN)

IDENTIFICATION OF OCCURRENCE

Seismic Monitoring Instrument Inoperable for More Than 30 Days
Event Date: 10/3/86
Event Time: 1746
This Special Report was initiated by Incident Report 86-218.

CONDITIONS PRIOR TO OCCURRENCE

Plant in OPERATIONAL CONDITION 4. I&C troubleshooting the reported inoperability of the Seismic Instrumentation System.

DESCRIPTION OF OCCURRENCE

On October 3, 1986, it was discovered that one of the Seismic Monitoring Instruments was inoperable. An investigation revealed that this instrument had been inoperable since a design change was made on July 15, 1986. In addition, retesting following this modification was deferred and had not yet been performed. The period of time of inoperability exceeded the Technical Specification Action Statement allowable time of 30 days. Upon this discovery, action was initiated to restore the instrument to operable status and an investigation into this event was undertaken.

ANALYSIS OF OCCURRENCE

On March 20, 1986, a Design Change Package (DCP) was assembled and approved which installed lightning arrestors on the Free Field Triaxial Time-History Accelerometer located 60 feet below grade. This DCP was then forwarded to the Planning Department to schedule the actual work. During preparation of the work package, Planning failed to recognize that implementation of this DCP and associated retesting would render the channel inoperable. This error resulted in failure to specify on the Work Order that a Technical Specification Action Statement applied. The actual modification was completed on July 15, 1986 with retesting to be performed on a different Work Order. When permission was granted by the Operations Department to start the job, the Technical Specification operability requirements were also overlooked and the Action Statement was not entered. The Work Order which was to perform the retesting was subsequently cancelled by the Planning Department and the required retesting was deferred to the next scheduled I&C Functional Test. This decision to defer retesting resulted in another error in that the next scheduled Functional Test was not

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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			N/A		0 3	OF 0 3

TEXT (If more space is required, use additional NRC Form 368A's) (17)

ANALYSIS OF OCCURRENCE

to be performed until October 1986 which greatly exceeded the 30 day Action Statement for inoperability.

The root cause of this event was personnel error on the part of the Planning Department and the Operations Department in that the responsible people failed to recognize that a Technical Specification operability requirement applied during the planning, performance, and retesting of the design change.

This Special Report is being submitted pursuant to Technical Specification 3.3.7.2.

CORRECTIVE ACTION

Immediately upon discovery, action was taken to initiate repair and retesting of the Seismic Monitoring Instrument. The individuals involved will be counseled with regard to the ramifications of this event by the respective department management. In addition, this event will be reviewed with all Planning and Operations personnel that are responsible for determining Technical Specification operability requirements.

Sincerely,

R.S. Salvesen / Jem

R. S. Salvesen
General Manager -
Hope Creek Operations

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