

50-354



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

September 25, 1996

Mr. Leon R. Eliason
Chief Nuclear Officer & President-
Nuclear Business Unit
Public Service Electric & Gas
Company
Post Office Box 236
Hancocks Bridge, NJ 08038

SUBJECT: REVIEW OF INFORMATION SUBMITTED IN A PUBLIC SERVICE ELECTRIC & GAS
COMPANY LETTER DATED MARCH 4, 1994, HOPE CREEK GENERATING STATION
(TAC NO. M95736)

Dear Mr. Eliason:

By letter dated July 9, 1996, you informed us that certain information contained in your letter dated March 4, 1994, submitted in support of an application for license amendment, was found to be inaccurate. The application for license amendment was subsequently approved and issued as License Amendment No. 68 on April 15, 1994. Specifically, the March 4, 1994 letter stated that:

"The river water temperature monitoring instrumentation at Hope Creek consists of the Control Room Integrated Display System (CRIDS), which provides the operator with updated river water temperature information every 60 seconds, and a strip chart recorder, which provides the operator with a continuous record of station service water temperature at the service water pump discharge.

In the July 9, 1996 submittal, you corrected this information by indicating that the correct description of the river water temperature monitoring system is:

"The strip chart recorder provides a continuous record of average river water temperature from temperature elements in the river, while the station service water temperature at the service water pump discharge is updated every 60 seconds in the Control Room Integrated Display System (CRIDS)."

It is our conclusion that average river water and service water (SW) pump discharge temperature are an acceptable combination of measurement methods to comply with the technical specification (TS) requirements. The SW pump discharge temperature is the critical temperature to be monitored because it more accurately (even though it is normally a few degrees lower than the strip chart method probably because of the pump suction location) represents the temperature used in accident analysis for design basis events, i.e., heat exchanger inlet temperature. Either of these methods alone would provide an acceptable method of monitoring ultimate heat sink temperature for TS purposes.

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L. Eliason

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We have reviewed the above described correction and concluded that it does not change any of the staff's conclusions in its evaluations related to the measurement of, and operator response to, the ultimate heat sink temperature in connection with License Amendment No. 68.

Sincerely,

/S/

David H. Jaffe, Senior Project Manager
Project Directorate I-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

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cc: See next page

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DATE	9/15/96	9/18/96	1/96	9/23/96	

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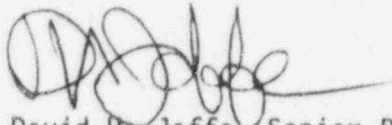
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Marsh to Stolz
DJ

L. Eliason

- 2 -

We have reviewed the above described correction and concluded that it does not change any of the staff's conclusions in its evaluations related to the measurement of, and operator response to, the ultimate heat sink temperature in connection with License Amendment No. 68.

Sincerely,

A handwritten signature in black ink, appearing to read 'D. Jaffe', with a long horizontal flourish extending to the right.

David H. Jaffe Senior Project Manager
Project Directorate I-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Docket No. 50-354

cc: See next page

Mr. Leon R. Eliason
Public Service Electric & Gas
Company

Hope Creek Generating Station

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