

Public Service  
Electric and Gas  
Company

Joseph J. Hagan

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Vice President - Nuclear Operations

AUG 02 1993

NLR-N93116

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

Gentlemen:

CORRECTION - RESPONSE TO NRC BULLETIN 90-01, SUPPLEMENT 1  
HOPE CREEK GENERATING STATION  
FACILITY OPERATING LICENSE NPF-50  
DOCKET NO. 50-354

Public Service Electric & Gas Company (PSE&G), hereby submits a correction to letter NLR-N93032, dated February 22, 1993 which provided our response to NRC Bulletin 90-01, Supplement 1, for our Salem and Hope Creek Generating Stations.

During a review of our Hope Creek response, we have noted a minor technical error relating to our enhanced surveillance program and justification for transmitters 1SBPT-N052(A thru D)-C71. The error was in citing the weekly Turbine Stop Valve surveillance procedure as verifying that the TSV/TCV 30% Reactor Protection System Bypass Circuit is not bypassed. This test does not produce a half-scrum and, therefore, would not verify the circuit. It is the monthly Turbine Control Valve surveillance test that produces the half-scrum signal that verifies the bypass status.

The monthly Turbine Control Valve test is an existing Technical Specification-required surveillance which has not been added or changed due to Bulletin 90-01 and is, therefore, not part of our "enhanced surveillance program" for the Rosemount transmitters.

The discrepancy has no impact upon our justification for these transmitters, but is being corrected to properly identify the testing used in our justification. A copy of the original response page and the corresponding corrected page are attached.

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[Handwritten signature]

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Should you have any question regarding this correction, we will be pleased to discuss it with you.

Sincerely,

A handwritten signature in black ink, appearing to read "J. Hogan". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Attachment

C Mr. T. T. Martin, Administrator - USNRC Region I  
U.S. Nuclear Regulatory Commission  
475 Allendale Road  
King of Prussia, PA 19406

Mr. S. Dembek, Licensing Project Manager  
U.S. Nuclear Regulatory Commission  
One White Flint North (MS 14 E-21)  
11555 Rockville Pike  
Rockville, MD 20852

Mr. T. P. Johnson  
USNRC Senior Resident Inspector

Mr. K. Tosch, Manager IV  
New Jersey Department of Environmental Protection and Energy  
Division of Environmental Quality  
Bureau of Nuclear Engineering  
CN 415  
Trenton, NJ 08625

ATTACHMENT 2  
 NRC 90-01 SUP 1 ITEM 1.C TRANSMITTER EXCEPTIONS

COMPONENT ID	CLASS	DESCRIPTION	Attachment
1BGFT-11479A	ESF		CALIBRATION INTERVAL WITH OIL LOSS LIFETIME EXCEEDING 32 YEARS.
1BGFT-11479D	ESF	CAVS FLOW TO RWCU DIFF FLOW ISOL	ENHANCED SURVEILLANCE PROGRAM/JUSTIFICATION: SEE 1BBFT-11479A
1SBPT-N052A-C71	RPS	HP TURB 1ST STG STM PRESS	ENHANCED SURVEILLANCE PROGRAM: WEEKLY OPERATIONS FUNCTIONAL TEST FOR TURBINE STOP VALVE CLOSURE TO VERIFY 30% POWER BYPASS LOGIC; 18 MONTH CALIBRATION TO CHECK FOR SLUGGISH RESPONSE. JUSTIFICATION: THE FUNCTION OF 1SBPT-N052A-C71 THRU N052D-C71 IS TO MEASURE TURBINE FIRST STAGE PRESSURE AND PROVIDE SIGNALS TO AUTOMATICALLY BYPASS THE TURBINE STOP VALVE AND CONTROL VALVE CLOSURE SCRAM AND EOC-RPT TRIP FUNCTIONS BELOW 30% THERMAL POWER. THIS FUNCTION IS CONTINUOUSLY CHECKED VIA AN OVERHEAD ANNUNCIATOR THAT ALARMS WHEN ANY ONE OF THE FOUR CHANNELS IS IN A BYPASS CONDITION; WEEKLY FUNCTIONAL TESTS VERIFY THE INDIVIDUAL STOP VALVE CLOSURE SCRAM FUNCTIONS ARE NOT BYPASSED. LOSS OF TRANSMITTER FILL OIL WOULD RESULT IN LOSS OF RESPONSE TO INCREASING PRESSURE AND SETPOINT DRIFT HIGH; THIS FAILURE MODE WOULD NOT PREVENT RPS OR EOC-RPT TRIP FUNCTIONS; DURING PLANT START-UPS, OPERATIONS PROCEDURES REQUIRE TESTING TO VERIFY THAT THE TURBINE VALVE SCRAM FUNCTIONS ARE ACTIVATED PRIOR TO EXCEEDING 30% POWER.
1SBPT-N052B-C71	RPS	HP TURB 1ST STG STM PRESS	SEE 1SBPT-N052A-C71
1SBPT-N052C-C71	RPS	HP TURB 1ST STG STM PRESS	SEE 1SBPT-N052A-C71
1SBPT-N052D-C71	RPS	HP TURB 1ST STG STM PRESS	SEE 1SBPT-N052A-C71

*ORIGINAL RESPONSE*

ATTACHMENT 2 (REV 1)  
 NRC 90-01 SUP 1 ITEM 1.C TRANSMITTER EXCEPTIONS

COMPONENT ID	CLASS	DESCRIPTION	Attachment
1SBPT-N052A-C71	RPS	HP TURB 1ST STG STM PRESS	ENHANCED SURVEILLANCE PROGRAM: 18 MONTH CALIBRATION CHECK FOR SLUGGISH RESPONSE. JUSTIFICATION: THE FUNCTION OF 1SBPT-N052A-C71 THRU N052D-C71 IS TO MEASURE TURBINE FIRST STAGE PRESSURE AND PROVIDE SIGNALS TO AUTOMATICALLY BYPASS THE TURBINE STOP VALVE AND CONTROL VALVE CLOSURE SCRAM AND EOC-RPT TRIP FUNCTIONS BELOW 30% THERMAL POWER. THIS FUNCTION IS CONTINUOUSLY CHECKED VIA AN OVERHEAD ANNUNCIATOR THAT ALARMS WHEN ANY ONE OF THE FOUR CHANNELS IS IN A BYPASS CONDITION. MONTHLY FUNCTIONAL TESTS VERIFY THE INDIVIDUAL CONTROL VALVE CLOSURE SCRAM FUNCTIONS ARE NOT BYPASSED. LOSS OF TRANSMITTER FILL OIL WOULD RESULT IN LOSS OF RESPONSE TO INCREASING PRESSURE AND SETPOINT DRIFT HIGH; THIS FAILURE MODE WOULD NOT PREVENT RPS OR EOC-RPT TRIP FUNCTIONS; DURING PLANT START-UPS, OPERATIONS PROCEDURES REQUIRE VERIFICATION THAT THE TURBINE VALVE SCRAM FUNCTIONS ARE ACTIVATED PRIOR TO EXCEEDING 30% POWER.
1SBPT-N052B-C71	RPS	HP TURB 1ST STG STM PRESS	SEE 1SBPT-N052A-C71
1SBPT-N052C-C71	RPS	HP TURB 1ST STG STM PRESS	SEE 1SBPT-N052A-C71
1SBPT-N052D-C71	RPS	HP TURB 1ST STG STM PRESS	SEE 1SBPT-N052A-C71