



**PSEG**

Public Service  
Electric and Gas  
Company

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Robert L. Mittl General Manager  
Nuclear Assurance and Regulation

August 15, 1985

Director of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
7920 Norfolk Avenue  
Bethesda, MD 20814

Attention: Mr. Walter Butler, Chief  
Licensing Branch 2  
Division of Licensing

Gentlemen:

EQUIPMENT QUALIFICATION  
HOPE CREEK GENERATING STATION  
DOCKET NO. 50-354

Pursuant to the Equipment Qualification Audit held on  
July 15-18, 1985, Public Service Electric and Gas Company  
hereby submits the following information for review (see  
Attachment 1):

Item 4 - Tags on Standby Liquid Control Explosive  
Valves

Item 5 - Tags on Fluid Components Inc. Level Sensor

Item 6 - Hex Head Bolt in End Cover of Rotork Valve  
Actuator

Verification of the completion of the above items may be  
performed by the staff prior to fuel load.

Attachment 2 contains the revised response to Audit Item 3,  
Justification for use of Anaconda Flex Conduit-Drywell.  
This item has been revised in response to the August 8,  
1985, telecon and supersedes the previous response trans-  
mitted on July 31, 1985.

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The Energy People

*A048  
1/1  
Limited Distribution*

8/15/85

Attachment 3 contains the Environmental Qualification Summary Report, Revision 2. This report has been revised to incorporate the updated tables transmitted in letters from R. L. Mittl, PSE&G, to W. Butler, NRC, dated June 25, 1985, June 28, 1985, July 29, 1985, and July 31, 1985. Revision 3 of the Environmental Qualification Summary Report is scheduled to be issued in the third quarter of 1985.

Should you have any questions in this regard, please contact us.

Very truly yours,

*R L Mittl / R P Douglas*

Attachments

- C D. H. Wagner (w/attach.)  
USNRC Licensing Project Manager
- A. R. Blough (w/attach.)  
USNRC Senior Resident Inspector
- H. Garg (w/attach.)  
USNRC EQ Branch
- D. Beahm (w/attach.)  
EG&G Idaho Inc.

ATTACHMENT 1

ITEM NO. 4 - MISSING TAGS ON STANDBY LIQUID CONTROL  
EXPLOSIVE VALVES

A Startup Deviation Report (BH-0124) was initiated on July 23, 1985, to have General Electric obtain new nameplates for standby liquid control explosive valves 008 and 009. Confirmation of completion of this item will be provided.

ITEM NO. 5 - INCONSISTENT TAGS ON FLUID COMPONENTS INC.  
LEVEL SENSOR - 1-BD-LSH-4151-1

A Field Change Order (E-2534) was initiated on July 26, 1985, to mark out the existing tag number on the device tag and install one new tag on the device with the consistent tag number. This work was completed on July 30, 1985.

ITEM NO. 6 - MISSING HEX HEAD BOLT IN END COVER OF ROTORK  
VALVE ACTUATOR - BC-HCV-F048A

A Startup Deviation Report (BC-0836) was initiated on  
July 24, 1985, to have the missing bolt replaced.  
Confirmation of completion of this item will be provided.

JES:db

OC 14 01/03A

ATTACHMENT 2

### ITEM NO. 3

#### JUSTIFICATION FOR USE OF ANACONDA FLEX CONDUIT (DRYWELL)

Liquid tight flexible conduit is used in the drywell to provide a flexible raceway connection to motors and instruments in order to accommodate minor amounts of movement or vibration. In addition to mechanical protection, this type of conduit provides protection from humidity, dripping water or spraying water. The liquid tight flexible metal conduit is nuclear grade Type NWC or NPW. The jacket material has been qualified to IEEE 323 and 383 requirement.

Drawing E-1408-0(Q) (Sections 11 and 13) provides the listing of equipment and the guidelines for sealing safety related devices and equipment for moisture intrusion protection. These sections of Drawing E-1408-0(Q) were developed based on the NRC staff recommendations stated in Information Notice IN-84-57, dated July 27, 1984.

The use of appropriate seals, as specified in Drawing E-1408-0(Q), is the primary means of moisture intrusion protection. Liquid tight flexible conduit performs no safety function, hence its use in the drywell is justified.



ATTACHMENT 3