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Docket No. 50-311

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Mr. R. L. Mittl, General Manager
Licensing and Environment
Engineering and Construction Department
Public Service Electric and Gas Company
80 Park Place
Newark, New Jersey 07101

Dear Mr. Mittl:

SUBJECT: LONG TERM AUXILIARY FEEDWATER SOURCE

During our review of the Full Power Requirements for Salem, Unit 2, we have been evaluating the reliability of the auxiliary feedwater system (Task Action Plan Item II.E.1.1). We have noted that the long-term water source for the auxiliary feedwater system at Salem, Unit 2 may contain salt in solution. In order to complete our review, we request that you provide the information requested in the enclosure.

If you have any questions on this matter, please feel free to contact us.

Sincerely,

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A. Schwencer, Acting Chief
Licensing Branch No. 3
Division of Licensing

Enclosure:
Request for Additional
Information

cc: See next page

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Mr. Leif J. Norrholm
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Region I, Drawer I
Hancocks Bridge, New Jersey 08038

Enclosure

212. Salem 2 FSAR Amendment 43 addresses branch technical position RSB 5-1, Cold Shutdown Requirements. We note that the long-term auxiliary feedwater supply source (service water system) may contain salt in solution. Justify the salt content of this water (for the time period required to satisfy RSB 5-1) against the following considerations:

a. degradation of steam generator shell side heat transfer due to salt plating on tubes,

b. clogging of steam generator secondary side flow paths by clumps of accumulated salt,

c. corrosion effects of the salt.

Also describe provisions (procedures, special equipment, etc.) which would be used to attenuate the effects of the salt (a,b,c, above).