

February 24, 1986

Docket No. 50-354

Mr. Corbin A. McNeill, Jr., Vice President-Nuclear
Public Service Electric & Gas Company
Nuclear Administration Building
P.O. Box 236
Hancocks Bridge, New Jersey 08038

Dear Mr. McNeill:

Subject: Reports on PRA Insights

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~~Docket No. 50-354~~
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Enclosed are two draft reports concerning technical insights gained from Probabilistic Risk Assessments (PRAs). These reports are the outcome of an on-going effort to make available and utilize in numerous technical and managerial activities the information in probabilistic risk assessments regarding the factors which dominate the risk associated with nuclear power plants. This effort includes identification of the features of design or operational practices which have been found to be important to safety in the types of plants which have been subjected to risk assessments. In addition, the section on insights into PRA method focuses on areas which are sensitive to the results and the overall perception of plant weaknesses and vulnerabilities.

In particular, these reports contain discussions of: general insights on plant strengths and weaknesses gained from PRAs; the contribution to core melt frequency from classes of sequences induced by various initiating events; modifications, both hardware and procedural, which have been implemented to address problems identified in the conduct or as a result of PRAs; insights into PRA methodologies; and the contribution to measures of risk (core melt frequency and consequences of radioactive releases) from systems, components and events.

These reports will be published in their final forms in approximately two months. These reports are being provided to you, as well as all other licensees, in advance of formal publication for your information. If, after reviewing these reports, you wish to provide comments to the staff, please provide them by March 25, 1986.


Sincerely,


/S/

David Wagner, Project Manager
BWR Project Directorate No. 3
Division of BWR Licensing

Enclosures:
As stated

cc: See next page


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DWagner/hmc
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PDR ADOCK 05000354
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Mr. C. A. McNeill
Public Service Electric & Gas Co.

Hope Creek Generating Station

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