

January 17, 1991

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

SUBJECT: EVALUATION OF TOPICAL REPORT NFU-0039, REVISION 2, "SALEM REACTOR PHYSICS METHODS" (TAC NOS. M81036 AND M81037)

Dear Mr. Eliason:

By letter dated July 2, 1991, you submitted Topical Report NFU-0039 Revision 2, entitled "Salem Reactor Physics Methods". The topical report describes the benchmark analyses and applications of the TRINODE/CPM/EPRI-CELL code system for use in the Salem Units 1 and 2 reload licensing analyses. Revision 2 provides the additional benchmarking required for the qualification of the CPM updates to the original calculations methodology.

Based on our review of your submittal, as given in the enclosed Safety Evaluation, we find the reload methodology as described in NFU-0039 to be acceptable for licensing applications.

Sincerely,

/s/

Leonard N. Olshan, Project Manager  
Project Directorate I-2  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

Docket Nos. 50-272/50-311

Enclosures:

1. Safety Evaluation
2. Technical Evaluation Report

cc w/encls: See next page

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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

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Sincerely,

A handwritten signature in cursive script, appearing to read "Leonard N. Olshan".

Leonard N. Olshan, Project Manager  
Project Directorate I-2  
Division of Reactor Projects - I/II  
Office of Nuclear Reactor Regulation

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cc w/encls: See next page

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