

January 4, 1991

Docket No. 50-302

Mr. Percy M. Beard, Jr.
Senior Vice President, Nuclear Operations
Florida Power Corporation
ATTN: Manager, Nuclear Operations
Licensing
P.O. Box 219-NA-21
Crystal River, Florida 32629

Dear Mr. Beard:

SUBJECT: REQUEST FOR ADDITIONAL INFORMATION TECHNICAL SPECIFICATION
CHANGE REQUEST NO. 181 OTSG TUBE SLEEVING (TAC 76640)

During our review of the subject amendment request, we identified additional information required to complete our review, as noted in the enclosure. Please provide responses to the items in the enclosure within 60 days of your receipt of this letter so that our review may be completed as planned.

Sincerely,

(Original Signed By)

Harley Silver, Project Manager
Project Directorate II-2
Division of Reactor Projects I/II
Office of Nuclear Reactor Regulation

Enclosure:
As stated

cc: See next page

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Mr. Percy M. Beard, Jr.
Florida Power Corporation

Crystal River Unit No. 3 Nuclear
Generating Plant

cc:

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General Counsel
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MAC - A5D
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Attorney General
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ENCLOSURE

REQUEST FOR ADDITIONAL INFORMATION

STEAM GENERATOR TUBE SLEEVING

FLORIDA POWER CORPORATION

CRYSTAL RIVER NUCLEAR PLANT, UNIT 3

DOCKET NO. 50-302

1. It is stated that the degraded tube criteria in the technical specification acceptance criteria is proposed to be changed because the testing capability to detect 20% through-wall penetrations has not been demonstrated for all areas of the tube/sleeve interface. We believe that the technology of steam generator tube inspection is progressing to the point where this sensitivity soon can be achieved. We can not accept inspection technology that does not meet industry capability. Please describe your program and commitment to implement this capability in your steam generator tube integrity program when it is commercially available.
2. In accordance with past staff positions, the "Surveillance Requirements" section of the Technical Specification must include the following:
 - a. A statement that defective tubes may be repaired in accordance with a specific referenced (by number) topical report sleeving procedure.
 - b. The appropriate plugging limit for defects in the sleeve itself must be stated.
3. In view of the susceptibility of Alloy 600 to stress corrosion cracking, explain why Alloy 690 is not used as the sleeve material.