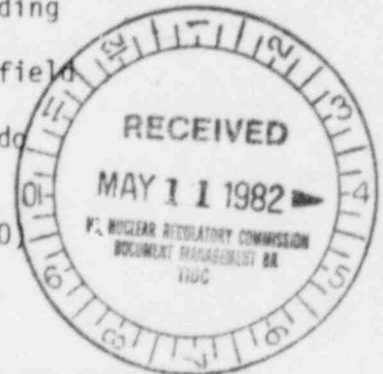


April 26, 1982

Docket No. 50-219
LS05-82-04-074

Mr. P. B. Fiedler
Vice President & Director - Oyster Creek
Oyster Creek Nuclear Generating Station
Post Office Box 388
Forked River, New Jersey 08731

DISTRIBUTION
Docket
NRC PDR
Local PDR
ORB Reading
NSIC
DCrutchfield
HSmith
JLombardo
OELD
OI&E
ACRS (10)
SEPB
DChaney



Dear Mr. Fiedler:

SUBJECT: INSERVICE INSPECTION REVIEW - REQUEST FOR ADDITIONAL INFORMATION

RE: Oyster Creek Nuclear Generating Station

The attached request for additional information relative to the inservice inspection program for the Oyster Creek facility is forwarded to you with a requested response date of thirty days after the receipt of this letter. A draft TER is scheduled to be completed on July 16, 1982 for Oyster Creek and prompt response is necessary. To support this, please provide a copy of this response directly to:

Dr. D. A. Outlaw
Science Applications, Inc.
1710 Goodridge Drive
McLean, Virginia 22102

The reporting and/or recordkeeping requirements contained in this letter affect fewer than ten respondents; therefore, OMB clearance is not required under P.L. 96-511.

Sincerely,

Original signed by

Dennis M. Crutchfield, Chief
Operating Reactors Branch #5
Division of Licensing

SEO/
s
//
DS4 USE(51)

Enclosure:
Request for Additional
Information

cc w/enclosure:
See next page

OFFICE	DL: ORB #5	DL: ORB #5					
SURNAME	JLombardo	cc DCrutchfield					
DATE	4/23/82	4/28/82					
8205120341 820426 PDR ADCK 05000219 PDR							
OFFICIAL RECORD COPY							
USGPO: 1981-335-990							

Mr. P. B. Fiedler

- 2 -

April 26, 1982

cc

G. F. Trowbridge, Esquire
Shaw, Pittman, Potts and Trowbridge
1800 M Street, N. W.
Washington, D. C. 20036

Resident Inspector
c/o U. S. NRC
Post Office Box 445
Forked River, New Jersey 08731

J. B. Lieberman, Esquire
Berlack, Israels & Lieberman
26 Broadway
New York, New York 10004

Commissioner
New Jersey Department of Energy
101 Commerce Street
Newark, New Jersey 07102

Ronald C. Haynes, Regional Administrator
Nuclear Regulatory Commission, Region I
631 Park Avenue
King of Prussia, Pennsylvania 19406

J. Knubel
BWR Licensing Manager
GPU Nuclear
100 Interplace Parkway
Parsippany, New Jersey 07054

Deputy Attorney General
State of New Jersey
Department of Law and Public Safety
36 West State Street - CN 112
Trenton, New Jersey 08625

Mayor
Lacey Township
818 Lacey Road
Forked River, New Jersey 08731

U. S. Environmental Protection
Agency
Region II Office
ATTN: Regional Radiation Representative
26 Federal Plaza
New York, New York 10007

Licensing Supervisor
Oyster Creek Nuclear Generating Station
Post Office Box 388
Forked River, New Jersey 08731

REQUEST FOR ADDITIONAL INFORMATION
INSERVICE INSPECTION PROGRAM

Oyster Creek 1

I. Requests for Relief from Code⁽¹⁾ Requirements, Class 1 Systems and Components as requested in the notes of Appendix 3A of Ref. 2

1. Category B-G-1 and B-G-2 Items (pgs 3A-2, 4, 5, Ref. 2)

The extent of examinations proposed for pressure retaining bolting follows 1974 Code requirements. Note 5 requests relief from the pertinent provisions of the 1974 Code. Please clarify where relief from code requirements is necessary.

2. Notes 6, 7, 9 and 10 (pgs 3A-9, 10, Ref. 2)

These notes request relief from various provisions of the 1974 Code and instead, propose to perform the examinations as specified in later codes (1977 Code) up to and including the Summer 1978 Addenda⁽³⁾. Consideration should be given to updating to the Summer 1978 Addenda for the method of examination on each of the items for which relief has been requested. In these cases, relief would not be required.

II. Requests for Relief from Code Requirements, Class 2 Systems and Components, as requested in the notes of Appendix 3B of Ref. 2

1. Category C-D, Pg 3B-1, Reference 2

Note 2 of page 3B-2 requests relief from the 1974 Code requirement to examine all Class 2 bolting 1-inch-diameter and greater, citing that the Summer 1978 Addenda, Category C-D specification is for bolting which is greater than 2-inches-diameter. Consideration should be given to updating to the Summer 1978 Addenda for examination requirements. In this case, relief would not be required.

III. Requests for Relief from Code Requirements for Class 1 and Class 2 Piping and Support Welds as requested in Appendix 3C of Ref. 2

1. R1, Pg 3C-2, Reference 2

Relief is requested from the 1974 Code requirements to volumetrically examine integrally welded supports in Class 1 systems. This request is based

on a more up-to-date code specification for Category B-K-1 welds which allows volumetric or surface examinations as applicable. Consideration should be given to updating to the Summer 1978 Addenda.

2. R2, Pg 3C-2, Reference 2

Relief is requested from examining Class 1 and Class 2 component connections, piping, and associated valves and vessels that are 3/8-inch nominal wall thickness or less. The basis for relief is that volumetric examination of thin-walled pipe does not produce reliable results. Please justify your position that no method of volumetric examination is reliable for thin-walled pipe. What consideration has been given to performing radiographic examinations of the welds subject to this request?

3. R3, Pg 3C-3, Reference 2

Reference 4 committed to deleting this request for relief from your ISI Program. What action has been taken to revise your program on this item?

4. R4, Pg 3C-3, Reference 2

Please clarify your request for relief from code requirements for "Class 2 components of systems or portions of systems that are required to operate above a pressure of 275 psig or temperature of 200°F except for limited periods.....".

5. R5, Pg 3C-3, Reference 2

This request for relief concerns Class 2 systems or portions of systems that during normal plant operating conditions are not required to operate or perform a system function but remain flooded under static conditions at or near their normal operating pressures. This request pertains specifically to non-destructive examination of the isolation condenser. In Reference 4, you committed to nondestructive examination of isolation condenser piping greater than 4-inch NPS. What action has been taken to include these examinations in your program?

6. R7, Pg 3C-4, Reference 2

Relief is requested from volumetric examination of branch pipe-to-pipe welded joints that are Class 1 and greater than 6-inches-diameter, or Class 2. The basis for relief is that the physical design of branch connections does not permit meaningful volumetric examination, that this fact has been recognized by the 1977 Code, and the requirement for volumetric examination of

branch connections has been dropped from the Code. The 1977 Code (Summer 1978 Addenda) requires the volumetric and surface examination of Class 1 branch pipe connection welds greater than 2-inch nominal pipe size. The most recent version seems to have more stringent requirements, please clarify your position. Also, please explain why radiography was rejected as a method for volumetric examination of branch connections. For Class 2 pipe branch connections, have you considered updating to the Summer 1978 Addenda for examination requirements?

7. GENERAL -- Responses to Previous NRC Requests for Additional Information⁽⁵⁾

Your response⁽⁴⁾ to NRC Request⁽⁵⁾ No. 7 is as follows: "Oyster Creek commits to define the extent and method of examination for all Class 1 and Class 2 categories as identified in Appendices 3A and 3B⁽²⁾ by April 1981. These changes are part of the current revisions in-process. The revised program will be submitted to NRC."

What action has been taken to issue a revised ISI Program for Oyster Creek? Please confirm that all commitments made in your responses to the previous RAI will be incorporated in the revised ISI Program. Also, please submit your revised ISI Program document as soon as possible, preferably within 60 days.

8. Under the change in regulation 10CFR50.55a effective November 1, 1979, your ISI program, when finally approved, will cover your current 10-year inspection interval (December 8, 1979 to December 7, 1989). Does this result in any changes you wish to make in your relief requests? Do you require other ISI relief?

REFERENCES:

1. ASME Boiler and Pressure Vessel Code, Section XI, Division 1, 1974 Edition with Addenda to Summer 1975.
2. Oyster Creek Nuclear Generating Station Inservice Inspection Program Update..., Rev. 2, June 25, 1979.
3. ASME Boiler and Pressure Vessel Code, Section XI, Division 1, 1977 Edition with Addenda to Summer 1978.
4. Letter, I. R. Finfrock, Jr. (JCP&L) to D. M. Crutchfield (NRC), dated February 5, 1981.
5. Letter, D. M. Crutchfield (NRC) to I. R. Finfrock, Jr. (JCP&L), "Request for Additional Information, Oyster Creek Nuclear Generation Station ISI Program Update", October 30, 1980.

April 13, 1982