



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

May 22, 1985

Docket No. 50-219
LS05-85-05-023

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

Dear Mr. Fiedler:

SUBJECT: SUPPLEMENT TO INSERVICE INSPECTION (ISI) REVIEW

Re: Oyster Creek Nuclear Generating Station

By letter dated June 28, 1983, a safety evaluation (SE) addressing the staff's review of GPU Nuclear's (the licensee's) requests for relief from the inservice inspection requirements of Section XI of the American Society of Mechanical Engineers Boiler and Pressure Vessel Code (the Code) was forwarded to you. Attached to this SE was the NRC contractor's Technical Evaluation Report (TER) on the Oyster Creek Inservice Inspection Program. Page 14 of the TER which addressed the licensee's requested relief from the volumetric examination on control rod drive housings (Item B1.18) was inadvertently left out of the TER. Because of this, Item B1.18, Control Rod Drive Housing, was left out of Table 1 of the SE and was not addressed in the SE.

The licensee stated that the basis for requesting relief was that the configurations of the drive housings are not conducive to volumetric examinations according to the required schedule. The conclusion on page 14 of the TER was that relief from the requirements of Section XI of the 1974 Code should not be granted and that the licensee should request an update to the 1977 Code. The staff, however, concludes that the licensee's basis stated above for requesting relief was valid and that the licensee need not request an update to the 1977 Code because in accordance with 50.55a(g)(4)(iv) a licensee may, but is not required to, update to subsequent editions of the Code prior to the end of the 10-year inspection interval. The 1977 Code which the licensee could upgrade to allows visual inspection in place of volumetric inspection in this instance and such visual inspections are deemed sufficient to detect defects. Thus, the alternate visual inspections allowed by this relief should be sufficient. Therefore, pursuant to 10 CFR 50.55a(g)(6)(i), we hereby grant the requested relief. The staff has determined that the stated Code requirements are impractical, the granting of this relief is authorized by law and will not endanger life or property or the common defense and security, and is otherwise in the public interest considering the burden that would result if the requirements were imposed on your facility.

8505290453 850522
PDR ADOCK 05000219
Q PDR

Mr. P. B. Fiedler

- 2 -

May 22, 1985

We have enclosed the affected page of Table 1 of the SE and the missing page of the TER.

Sincerely,

Original signed by:

John A. Zwolinski, Chief
Operating Reactors Branch #5
Division of Licensing

Enclosures:
As stated

cc w/enclosures:
See next page

DISTRIBUTION

Docket File
NRC PDR
Local PDR
NSIC
ORB# 5 Reading
JZwolinski
CJamerson
JDonohew
ELJordan
BGrimes
JPartlow
OELD
ACRS (10)
HThompson
ORAB
TBarnhart (4)
OPA, CMiles
SECY
RDiggs
*SEE PREVIOUS PAGE FOR CONCURRENCE

DL:ORB#5
CJamerson:tm
45/09/85

DL:ORB#5
JDonohew
04/09/85

DE:MTEB
BDLiaw
04/10/85

DE:AD/MCET
WJohnston
04/12/85

OELD *CPM with
noted
additions*
CWoodhead
05/15/85

DL:ORB#5 *✓*
JZwolinski
05/22/85

use code 51

SE01
111

Mr. P. B. Fiedler

- 2 -

We have enclosed the affected page of Table 1 of the SE and the missing page of the TER.

Sincerely,

John A. Zwolinski, Chief
Operating Reactors Branch #5
Division of Licensing

Enclosures:
As stated

cc w/enclosures:
See next page

DISTRIBUTION

Docket File
NRC PDR
Local PDR
NSIC
ORB #5 Reading
JZwolinski
CJamerson
JDonohew
ELJordan
BGrimes
JPartlow
OELD
ACRS (10)
HThompson
ORAB
TBarnhart (4)
OPA, CMiles
SECY
RDiggs

DL: ORB #5
CJamerson:cs
4/9/85

DL: ORB #5
JZwolinski
/ /85

DL: ORB #5
JDonohew
4/9/85

DE: MTER
BDLiaw
/10/85

DE: AD/MCET
WJohnston
4/17/85

OELD
CWoodhead
/ /85

Mr. P. B. Fiedler
Oyster Creek Nuclear Generating Station

Oyster Creek Nuclear Generating Station

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. Liberman, Esquire
Bishop, Liberman, Cook, et al.
1155 Avenue of the Americas
New York, New York 10036

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

Regional Administrator
Nuclear Regulatory Commission
Region I Office
631 Park Avenue
King of Prussia, Pennsylvania 19406

Eugene Fisher, Assistant Director
Division of Environmental Quality
Department of Environmental
Protection
380 Scotch Road
Trenton, New Jersey 08628

BWR Licensing Manager
GPU Nuclear
100 Interpace 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 West 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

D. G. Holland
Licensing Manager
Oyster Creek Nuclear Generating Station
Post Office Box 388
Forked River, New Jersey 08731

TABLE 1 (CONTINUED)

CLASS 1 COMPONENTS

IWB-2600 ITEM NO.	IWB-2500 EXAM. CAT.	SYSTEM OR COMPONENT	AREA TO BE EXAMINED	REQUIRED METHOD	LICENSEE PROPOSED ALTERNATIVE EXAM.	RELIEF REQUEST STATUS
B1.13	B-I-1	Closure Head	Cladding	1. Visual and Sur- face or 2. Volu- metric	Assess Gen- eral Condi- tion of Cladding	GRANTED
B1.14	B-I-1	Reactor Vessel	Cladding	Visual	Assess Gen- eral Condi- tion of Cladding Under B-N-1 Category	GRANTED
B1.18	B-O	Control Rod Drive Housings	Welds	Volu- metric	Surface	GRANTED
B1.6	B-F	Reactor Vessel	Nozzle-to- Safe End Welds: N5A N5B N3A N3B	Volu- metric and Sur- face	Volumetric From One Side Only and 100% Surface	GRANTED
B4.5	B-J	Piping	Inaccessible Pipe Welds In Penetra- tions: X-5A X-6 X-5B X-70 X-3A X-72 X-3B X-7 X-2A X-8 X-2B X-9 X-4A X-10 X-4B X-61 X-12B	Volu- metric	Visual of Areas of Penetra- tions During Hydrostatic Tests	WITHDRAWN
B4.5	B-J	Piping	Inaccessible Welds Not In Penetration	Volu- metric	Visual During Hydrostatic Test	WITHDRAWN
B4.9	B-K-1	Inte- grally Welded Supports	Support Welds	Volu- metric	Visual	REQUEST WITHDRAWN 7/82

5. Control Rod Drive Housings, Category B-0, Item B1.18

Code Requirement

The volumetric examinations performed during each inspection interval shall include 100% of the welds in 10% of the peripheral control rod drive housings. The examinations may be performed at or near the end of the inspection interval.

Code Relief Request

Relief is requested from the volumetric examination requirement of Category B-0 for control rod drive housings.

Proposed Alternative Examination

Surface examinations will be performed in place of volumetric examinations according to the required schedule.

Licensee's Basis for Requesting Relief

Component configuration is not conducive to volumetric examination as recognized by later editions of the Code.

Evaluation

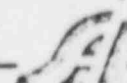
These examinations may be deferred to the end of the interval, and the licensee is considering updating to the 1977 Edition, Summer 1978 Addenda, following the next refueling outage. The newer code would allow the proposed surface examination of these welds. Thus, updating to the newer code, which the licensee may do with NRC approval per 10 CFR 50.55a(g)(4)(iv), would eliminate the need for Code relief.

Conclusions and Recommendations

Since relief is not needed until the end of the inspection interval, relief from Category B-0 requirements should not be granted at this time. Instead of requesting relief, the licensee should request to update to the 1977 Code, Summer 1978 Addenda, for performing B-0 requirements.

References

References 4 and 13.

The logo consists of the letters 'SAI' in a stylized, bold, italicized font. The 'S' and 'A' are connected, and the 'I' is separate.