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ACCESSION NBR: 8309070437 DOC. DATE: 83/08/31 NOTARIZED: NO
 FACIL: 50-269 Oconee Nuclear Station, Unit 1, Duke Power Co.
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 RECIP. NAME RECIPIENT AFFILIATION
 DENTON, H.B. Office of Nuclear Reactor Regulation, Director

DOCKET #
05000269

SUBJECT: Submits results of reactor vessel internal bolting insp.
 Results of ultrasonic testing indicated all bolts examined
 do not contain any discontinuities or defects which would
 impair load carrying capabilities.

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August 31, 1983

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Attention: Mr. J. F. Stolz, Chief
Operating Reactors Branch No. 4

Subject: Oconee Nuclear Station
Docket Nos. 50-269, -270, -287

Dear Sir:

The following report is provided pursuant to a staff request to provide information concerning the results of the Oconee Nuclear Station Unit 1 inspection of its reactor vessel internal bolting. The inspection of the internal bolting was performed during the recently completed refueling outage of Unit 1.

The following is a list of inspections performed:

- 1) Ultrasonic testing (UT) of all of the upper core barrel bolts (120)
- 2) UT of thirteen of the lower core barrel bolts
- 3) Visual inspection (VI) of approximately 66 of the lower core barrel bolts
- 4) UT of sixteen of the lower thermal shield studs
- 5) VI of approximately 66 of the lower thermal shield studs
- 6) VI of approximately 11 of the guide block halves
- 7) VI of approximately 11 of the upper thermal shield restraints
- 8) VI of approximately 60 of the flow distributor bolts
- 9) Removal of fuel assembly B4 to VI baffle to baffle and baffle to former bolts
- 10) VI of the reactor vessel lower head
- 11) VI of the upper plenum/upper grid interface with the core support shield
- 12) VI of the thirteen LOCA bosses (core support shield and plenum surfaces)

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Mr. Harold R. Denton, Director
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The results of the above UT indicated that all bolts examined do not contain any discontinuities or defects which would impair the load carrying capabilities of the bolts. Further, no unusual/unexpected observations were made during the above VI.

Very truly yours,



Hal B. Tucker

PFG/php

cc: Mr. James P. O'Reilly, Regional Administrator
U. S. Nuclear Regulatory Commission
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Mr. John F. Suermann
Office of Nuclear Reactor Regulation
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Mr. J. C. Bryant
NRC Resident Inspector
Oconee Nuclear Station