

13 05/22/78

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50-269/276/287

REC: CASE E G
NRC

ORG: PARKER W O
DUKE PWR

DOCDATE: 05/16/78
DATE RCVD: 05/22/78

DOCTYPE: LETTER NOTARIZED: NO

COPIES RECEIVED

SUBJECT:

LTR 1 ENCL 1

FORWARDING DOCUMENT ENTITLED: " TECHNICAL JUSTIFICATION FOR INSTALLING AND TESTING TUBE SLEEVES IN ONCE-THROUGH STEAM GENERATOR.", DESCRIBING THE TUBE SLEEVING PROGRAM AND SUPPORTS THE PROPOSED INSTALLATION OF TUBE SLEEVES IN THE SUBJECT FACILITY STEAM GENERATOR

PLANT NAME: OCONEE - UNIT 1
OCONEE - UNIT 2
OCONEE - UNIT 3

REVIEWER INITIAL: XJM
DISTRIBUTER INITIAL: *ve*

***** DISTRIBUTION OF THIS MATERIAL IS AS FOLLOWS *****

NOTES:

1. M. CUNNINGHAM - ALL AMENDMENTS TO FSAR AND CHANGES TO TECH SPECS

GENERAL DISTRIBUTION FOR AFTER ISSUANCE OF OPERATING LICENSE.
(DISTRIBUTION CODE A001)

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TIC**W/ENCL
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DISTRIBUTION: LTR 40 ENCL 39
SIZE: 1P+22P

CONTROL NBR: 781420101

THE END

DUKE POWER COMPANY

POWER BUILDING

422 SOUTH CHURCH STREET, CHARLOTTE, N.C. 28242

SECRET FILE COPY

WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

May 16, 1978

TELEPHONE: AREA 704
373-4083

RECEIVED DISTRICT
STATION

Mr. Edson G. Case, Acting Director
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Attention: Mr. R. Reid, Chief
Operating Reactors Branch #4

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

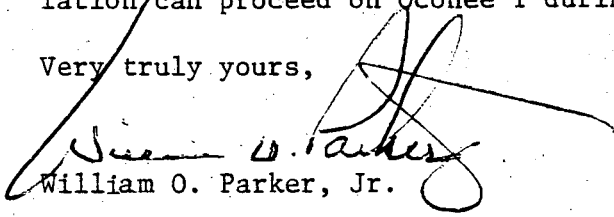
Dear Mr. Case:

Since the fall of 1977, Duke Power Company has been participating in Babcock and Wilcox's development of tube sleeves for installation in the once-through steam generators (OTSG) at Oconee Nuclear Station. Analysis and testing of OTSG tube sleeves conducted during the first part of the OTSG tube sleeving program has shown that the sleeves will provide an acceptable method of reducing dynamic stress in the region of indicated tube abnormalities.

The next step in the OTSG tube sleeving program is to install a limited number of sleeves in the steam generators at Oconee to verify acceptable sleeve performance under operating conditions. Sleeves would be inspected at refueling outages and based on results of inspections and tests would be removed after two fuel cycles for destructive examination.

Please find attached the document "Technical Justification for Installing and Testing Tube Sleeves in Once-Through Steam Generator." This document describes the tube sleeving program and supports the proposed installation of tube sleeves in the Oconee steam generators. As this installation may constitute an unreviewed safety question, it is requested that this submittal be reviewed and NRC concurrence with installation of the tube sleeves be provided. Completion of your efforts by September 1, 1978 is also requested, in order that tube sleeve installation can proceed on Oconee 1 during the fall, 1978 refueling outage.

Very truly yours,


William O. Parker, Jr.

LJB:scs

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