

A 09/01/78

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)  
DISTRIBUTION FOR INCOMING MATERIAL

50-269 270/287

REC: REID R  
NRC

ORG: PARKER W O  
DUKE PWR

DOC DATE: 08/25/78  
DATE RCVD: 08/31/78

DOCTYPE: LETTER NOTARIZED: NO  
SUBJECT:

COPIES RECEIVED  
LTR 1 ENCL 0

RESPONSE TO NRC QUESTIONS OF 08/01/78... FORWARDING ADDL INFO IN SUPPORT OF  
APPLICANT'S 06/12/78 TECH SPEC PROPOSED CHANGE CONCERNING REVISIONS TO TENDON  
2D28 OF UNIT 2 REACTOR BLDG.

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

REVIEWER INITIAL: XJM  
DISTRIBUTER INITIAL: M

\*\*\*\*\* 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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AA2

DISTRIBUTION: LTR 40 ENCL 0  
SIZE: 1P+1P

CONTROL NBR: 782430248

\*\*\*\*\* THE END \*\*\*\*\*

R

DUKE POWER COMPANY

POWER BUILDING

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

WILLIAM O. PARKER, JR.  
VICE PRESIDENT  
STEAM PRODUCTION

August 25, 1978

TELEPHONE: AREA 704  
373-4083

Mr. Harold R. Denton, 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

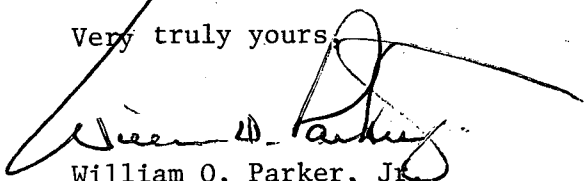
Dear Sir:

My letter of June 12, 1978 submitted a proposed license amendment which contained several proposed administrative changes to the Oconee Nuclear Station Technical Specifications. One of these changes concerned tendon 2D28 of the Unit 2 Reactor Building.

At the time of the submittal, it was considered that the tendon would be required to be replaced. However, since that time, a review has been conducted which indicates that the structural integrity of the Unit 2 Reactor Building is not affected with the damaged tendon installed and with its tension relieved. However, with tendon 2D28 installed, periodic determination of material deterioration would be possible. Therefore, it is our current intention to keep the damaged tendon installed, but not under tension. The full range of surveillance requirements of Specification 4.4.2 would not be feasible for this tendon. The determination of the extent of material deterioration would be the only surveillance feasible with this tendon.

Your letter of August 1, 1978 transmitted questions in response to our proposal of June 12, 1978. Please find attached responses to those questions. As requested 40 copies of this response are provided.

Very truly yours,

  
William O. Parker, Jr.

RLG:scs  
Attachments (40)

REGULATORY BUCKET FILE COPY

782430248

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US NRC  
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DUKE POWER COMPANY

Response to Request for Additional Information  
Concerning Oconee Unit 2 Tendon 2D28

QUESTION 1 Indicate whether any damage has been done to the concrete, anchor hardware or the conduit (also trumpet) in the vicinity of/or adjacent to, the damaged tendon 2D28.

RESPONSE No damage was done to the concrete, anchor hardware or any other component in the proximity of tendon 2D28.

QUESTION 2 Describe the procedure which will be used in installing the new tendon replacing the broken tendon 2D28 and especially to what level of prestress it will be tensioned. Justify this level, considering that the new tendon has to participate in load sharing with the existing tendons, during a postulated LOCA.

RESPONSE It is our current intent not to replace tendon 2D28. The nine installed surveillance tendons are used to test for symptoms of material deterioration or force reduction in the Reactor Building post-tensioning system. Surveillance tendons are not required to maintain structural integrity of the building during a postulated accident.

The unbroken wire in tendon 2D28 can still be used to test for deterioration, however, it will not be available for force reduction measurements.

QUESTION 3 Since the total number of surveillance tendons is prescribed by the R.G. 1.35 and the Technical Specifications indicate what surveillance tendon will be substituted for the broken 2D28.

RESPONSE As stated in the response to Question 2, it is our current intent not to replace tendon 2D28. The surveillance conducted on tendon 2D28 will be limited to determination of material deterioration. By not replacing this tendon, the records obtained in the previous five years of testing would remain valid.

QUESTION 4

Provide the results of wire inspection and testing for one wire in the broken tendon 2D28, as prescribed in the Technical Specification.

RESPONSE

Tendon wires from Unit 2 are currently being tested. A final report of the results of the tendon surveillance inspection of Unit 2 will be provided by December 1, 1978.