

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)
DISTRIBUTION FOR INCOMING MATERIAL

50-269/270 *(227)*

REC: CASE E G
NRC

ORG: PARKER W O
DUKE PWR

DOCDATE: 06/28/78
DATE RCVD: 07/05/78

DOCTYPE: LETTER NOTARIZED: NO

COPIES RECEIVED

SUBJECT:

LTR 1 ENCL 0

RESPONSE TO STAFF QUESTIONS RE: INCREASE IN QUADRANT TILE ALLOWED IN TECH
SPECS FROM 3.41% TO 5.00%

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

REVIEWER INITIAL: XRS
DISTRIBUTER INITIAL: *W*

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

NOTES:

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

INCIDENT REPORTS
(DISTRIBUTION CODE A002)

FOR ACTION: BR CHIEF ORB#4 BC**LTR ONLY(4)

INTERNAL:

REG FILE **LTR ONLY(1)
~~REG FILE**LTR ONLY(2)~~
~~I & S SYSTEMS BR**LTR ONLY(1)~~
~~NOVAK/CHECK**LTR ONLY(1)~~
~~AD FOR ENG**LTR ONLY(1)~~
HANAUER**LTR ONLY(1)
AD FOR SYS & PROJ**LTR ONLY(1)
ENGINEERING BR**LTR ONLY(1)
~~KREBER/J. COLLINS**LTR ONLY(1)~~
~~K SEYFRIT/IE**LTR ONLY(1)~~

NRC PDR**LTR ONLY(1)
~~MIRC**LTR ONLY(3)~~
~~EMERGENCY PLAN BR**LTR ONLY(1)~~
EEB**LTR ONLY(1)
PLANT SYSTEMS BR**LTR ONLY(1)
~~AD FOR PLANT SYSTEMS**LTR ONLY(1)~~
REACTOR SAFETY BR**LTR ONLY(1)
~~VOLLMER/BUNCH**LTR ONLY(1)~~
~~POWER SYS BR**LTR ONLY(1)~~

EXTERNAL:

LPDR'S
WALHALLA, SC**LTR ONLY(1)
TIC**LTR ONLY(1)
NSIC**LTR ONLY(1)
ACRS CAT B**LTR ONLY(16)

*OE LD
CORE PERFORMANCE BR
EFFLUENT TREAT SYS } LTR'S
J. Mc GOUGH*

DISTRIBUTION: LTR 45 ENCL 0
SIZE: 1P

CONTROL NBR: 781860224

***** THE END *****

DUKE POWER COMPANY
POWER BUILDING
422 SOUTH CHURCH STREET, CHARLOTTE, N. C. 28242

REGULATORY DOCKET FILE COPY

WILLIAM O. PARKER, JR.
VICE PRESIDENT
STEAM PRODUCTION

June 28, 1978

TELEPHONE: AREA 704
373-4083

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 Numbers 50-269, -270, -287

Dear Sir:

Supplementing my letter of June 23, 1978, the following information is provided with regard to Oconee 3, Cycle 4 operation in response to staff questions:

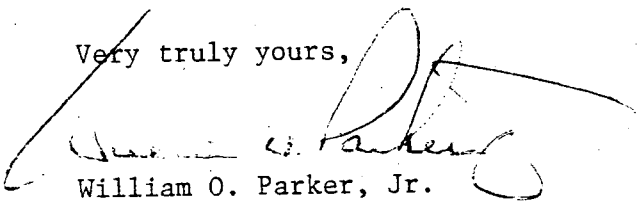
Question

Please explain the increase in quadrant tilt allowed in the Technical Specifications from 3.41% to 5.00%. What kind of penalty is taken in the calculation of peaking factors in order to account for the allowable 5.0% tilt? Provide the basis for the adequacy of this penalty.

Response

The quadrant tilt limit in the Technical Specifications was increased to allow additional operating flexibility. A power peaking penalty (1.075) appropriate for this quadrant tilt was used to establish imbalance and rod insertion limits as stated in Section 8 of BAW-1486. The basis for the adequacy of this penalty has previously been presented and accepted—refer to letter dated April 19, 1978; W. R. Gibson (B&W) to Ralph Landry (NRC); "Supplementary Information on Question 7 of Three Mile Island Unit 1, Cycle 4, Reload Report."

Very truly yours,


William O. Parker, Jr.

781860224

DCH:scs

A002
7/10