

F 7/19/78

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)  
DISTRIBUTION FOR INCOMING MATERIAL

50-269/270/287

REC: CASE E G  
NRC

ORG: REID R  
DUKE PWR

DOC DATE: 07/14/78  
DATE RCVD: 07/18/78

DOCTYPE: LETTER NOTARIZED: NO

COPIES RECEIVED  
LTR 1 ENCL 1

SUBJECT:  
PROPOSED MODIFICATION OF THE HIGH PRESSURE INJECTION SYSTEM AT SUBJECT  
FACILITY WHICH IS INTENDED TO EFFECTIVELY MITIGATE SMALL BREAK LOCA

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

REVIEWER INITIAL: XRS  
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)

FOR ACTION: BR CHIEF ORB#4 DC\*\*W/7 ENCL

INTERNAL:	REG FILE**W/ENCL	NRC PDR**W/ENCL
	<i>REG FILE**W/ENCL</i>	OELD**LTR ONLY
	HANAUER**W/ENCL	CORE PERFORMANCE BR**W/ENCL
	AD FOR SYS & PROJ**W/ENCL	ENGINEERING BR**W/ENCL
	REACTOR SAFETY BR**W/ENCL	PLANT SYSTEMS BR**W/ENCL
	EEB**W/ENCL	EFFLUENT TREAT SYS**W/ENCL
	J. MCGOUGH**W/ENCL	

EXTERNAL:

- LPDR'S
- WALHALLA, SC\*\*W/ENCL
- TERA\*\*W/ENCL
- NSIC\*\*W/ENCL
- ACRS CAT B\*\*W/16 ENCL

*CCS*

DISTRIBUTION: LTR 40 ENCL 39  
SIZE: 1P+4P

CONTROL NBR: 782000091

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

7912180 885 P

# DUKE POWER COMPANY

POWER BUILDING

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

WILLIAM O. PARKER, JR.  
VICE PRESIDENT  
STEAM PRODUCTION

July 14, 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

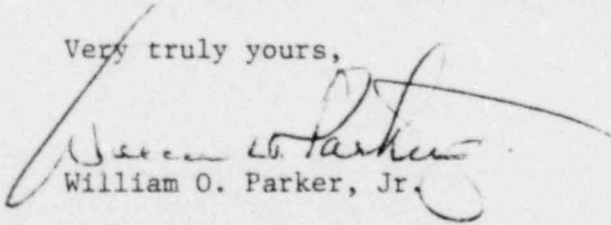
Reference: Oconee Nuclear Station  
Docket Nos. 50-269, -270, -287

Dear Mr. Case:

My letters of April 14, 1978 and April 21, 1978 addressed the problem with the previous ECCS performance analysis of small breaks of Oconee reactors and advised you of interim corrective actions implemented to assure acceptable ECCS performance during small break LOCA's, including those at the pump discharge. Subsequently, on May 15, 1978, an analysis of the ECCS cooling performance calculated in accordance with the B&W Evaluation Model for operation of Oconee units with operating procedures described in my letter of April 21, 1978, was submitted. The purpose of this letter is to advise you of our proposed modification of the high pressure injection (HPI) System of Oconee Units 1, 2 and 3. The proposed modification is intended to effectively mitigate small break LOCA's with minimum operator action.

The proposed modification is described in the attachment to this letter. In order that we may initiate the engineering evaluation, final design and procurement of material and equipment and schedule the field installation of the modification, we request that the NRC review of this proposed modification be completed as soon as possible. It is expected that this modification can be implemented for each unit during the applicable refueling outage that occurs after six months following the NRC approval of the modification.

Very truly yours,

  
William O. Parker, Jr.

PMA:scs  
Attachment

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