

CATEGORY 1

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9605130437 DOC. DATE: 96/05/03 NOTARIZED: NO DOCKET #
FACIL: 50-270 Oconee Nuclear Station, Unit 2, Duke Power Co. 05000270
AUTH. NAME AUTHOR AFFILIATION
HAMPTON, J.W. Duke Power Co. *See Rpt.*
RECIP. NAME RECIPIENT AFFILIATION
Document Control Branch (Document Control Desk)

SUBJECT: Forwards Rev 0 to Calculation 32-1245901-00, "Oconee-2 S/G-A Weld WG58-1 Flaw Evaluation."

DISTRIBUTION CODE: A001D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 3 + 63
TITLE: OR Submittal: General Distribution

NOTES:

	RECIPIENT ID CODE/NAME	COPIES LTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTR ENCL
	PD2-2 LA LABARGE, D.	1 1 1 1	PD2-2 PD	1 1
INTERNAL:	ACRS	6 6	<u>FILE CENTER</u> 0-1	1 1
	NRR/DE/EMCB	1 1	NRR/DRCH/HICB	1 1
	NRR/DSSA/SPLB	1 1	NRR/DSSA/SRXB	1 1
	NUDOCS-ABSTRACT	1 1	OGC/HDS2	1 0
EXTERNAL:	NOAC	1 1	NRC PDR	1 1

C
A
T
E
G
O
R
Y

1

D
O
C
U
M
E
N
T

NOTE TO ALL "RIDS" RECIPIENTS:
PLEASE HELP US TO REDUCE WASTE! CONTACT THE DOCUMENT CONTROL DESK,
ROOM OWFN 5D-5 (EXT. 415-2083) TO ELIMINATE YOUR NAME FROM
DISTRIBUTION LISTS FOR DOCUMENTS YOU DON'T NEED!

TOTAL NUMBER OF COPIES REQUIRED: LTR 18 ENCL 17

MA2

Duke Power Company
Oconee Nuclear Generation Department
P.O. Box 1439
Seneca, SC 29679

J. W. HAMPTON
Vice President
(803)885-3499 Office
(803)885-3564 Fax



DUKE POWER

May 3, 1996

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555

Subject: Oconee Nuclear Station
Docket Nos. 50-270
Oconee Steam Generator Weld 2-SGA-WG58-1

On April 30, 1996, the ultrasonic examination of the Oconee Unit 2A Steam Generator upper head-to-tubesheet weld, 2-SGA-WG58-1, identified a subsurface flaw. A review of the flaw indicated that the flaw did not meet the acceptance criteria contained in the 1989 ASME Section XI code. Once the flaw was determined to be outside the ASME Section XI acceptance criteria, Framatome Technologies was contacted to perform a fracture mechanics analysis of the flaw.

On May 1, 1996, Duke Power provided information to the NRC about the ultrasonic examination of the Steam Generator weld. On May 2, 1996, after reviewing the information provided by Duke Power, the NRC notified Duke that in their opinion the fracture mechanics results needed to be approved by the NRC prior to the restart of Oconee Unit 2. The current expected criticality date for the Oconee Unit 2 restart is May 5, 1996.

In accordance with the NRC's request, the fracture mechanics analysis (Attachment 1) is being submitted to the NRC. In addition, the ultrasonic testing information for the Steam Generator weld is included as Attachment 2. Based on the information contained in the fracture mechanics analysis, Duke Power considers the Steam Generator weld to be acceptable for the life of the plant based on ASME Section XI rules for evaluation by analysis.

9605130437 960503
PDR ADOCK 05000270
P PDR

A001
1/11

If there are any questions about this information, please contact Michael Bailey at (864)859-7793.

Very Truly Yours,

A handwritten signature in cursive script, appearing to read "J. W. Hampton", followed by the word "for" in a smaller, simpler font.

J. W. Hampton, Site Vice President
Oconee Nuclear Station

MEB

xc: D. E. LaBarge, Project Manager
ONRR

P. E. Harmon, Senior Resident Inspector
Oconee Nuclear Station

S. D. Ebnetter, Regional Administrator
Region II

J. G. Brown,
Framatome Technologies

ATTACHMENT 1

FRAMATOME TECHNOLOGIES
FRACTURE MECHANICS ANALYSIS