

CATEGORY 1

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 9806160101	DOC. DATE: 98/06/11	NOTARIZED: NO	DOCKET #
FACIL: 50-269 Oconee Nuclear Station, Unit 1, Duke Power Co.			05000269
50-270 Oconee Nuclear Station, Unit 2, Duke Power Co.			05000270
50-287 Oconee Nuclear Station, Unit 3, Duke Power Co.			05000287
50-369 William B. McGuire Nuclear Station, Unit 1, Duke Power Co.			05000369
50-370 William B. McGuire Nuclear Station, Unit 2, Duke Power Co.			05000370
50-413 Catawba Nuclear Station, Unit 1, Duke Power Co.			05000413
50-414 Catawba Nuclear Station, Unit 2, Duke Power Co.			05000414

AUTH. NAME	AUTHOR AFFILIATION	
TUCKMAN, M.S.	Duke Power Co.	
RECIP. NAME	RECIPIENT AFFILIATION	
	Document Control Branch (Document Control Desk)	

SUBJECT: Informs that DPC performs fuel rod mechanical analyses using methodology in TR DPC-NE-2008P-A, "DPC Fuel Mechanical Reload Analysis Methodology Using TAC03," in response to NRC RAI.

DISTRIBUTION CODE: A001D COPIES RECEIVED: LTR 1 ENCL 0 SIZE: 3
 TITLE: OR Submittal: General Distribution

NOTES:

	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL	
	PD2-2 LA	1 1	PD2-2 PD	1 1	1
	LABARGE, D	1 1	RINALDI, F	1 1	
	TAM, P.	1 1			
INTERNAL:	ACRS	1 1	FILE CENTER 01	1 1	D
	NRR/DE/ECGB/A	1 1	NRR/DE/EMCB	1 1	
	NRR/DRCH/HICB	1 1	NRR/DSSA/SPLB	1 1	O
	NRR/DSSA/SRXB	1 1	NUDOCS-ABSTRACT	1 1	C
	OGC/HDS2	1 0			
EXTERNAL:	NOAC	1 1	NRC PDR	1 1	U

NOTE TO ALL "RIDS" RECIPIENTS:
 PLEASE HELP US TO REDUCE WASTE. TO HAVE YOUR NAME OR ORGANIZATION REMOVED FROM DISTRIBUTION LISTS OR REDUCE THE NUMBER OF COPIES RECEIVED BY YOU OR YOUR ORGANIZATION, CONTACT THE DOCUMENT CONTROL DESK (DCD) ON EXTENSION 415-2083

TOTAL NUMBER OF COPIES REQUIRED: LTTR 16 ENCL 0



Duke Power Company
A Duke Energy Company

EC07H
526 South Church Street
P.O. Box 1006
Charlotte, NC 28201-1006

M. S. Tuckman
*Executive Vice President
Nuclear Generation*

(704) 382-2200 OFFICE
(704) 382-4360 FAX

June 11, 1998

U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Attention: Document Control Desk

Subject: McGuire Nuclear Station
Docket Numbers 50-369 and -370
Catawba Nuclear Station
Docket Numbers 50-413, and -414
Oconee Nuclear Station
Docket Numbers 50-269, -270 and -287

Subject: Use of FCF High Burnup Topical Report By Duke Power
Company, dated December 16, 1997

The referenced letter requested NRC's approval to use the Framatome Cogema Fuel Company's topical report, BAW 10186P-A as subsequently clarified in FCF letter to NRC dated October 28, 1997. Subsequent to Duke's issue of the referenced letter dated December 16, 1997, NRC requested Duke to provide additional clarification which is provided below.

Currently, Duke Power Company performs fuel rod mechanical analyses using the methodology in DPC-NE-2008P-A, "Duke Power Company Fuel Mechanical Reload Analysis Methodology Using TACO3", SER dated April 3, 1995. The Duke topical report is based on FCF methods which limit the application of TACO3 to a maximum fuel rod burnup of 62,000 MWd/mtU.

FCF has received approval for their extended burnup topical report (BAW-10186P-A, Rev. 0) which limits the fuel rod burnup to 62,000 MWd/mtU on the Mk-B fuel and 60,000 MWd/mtU on the Mk-BW

9806160101 980611
PDR ADDCK 05000269
P PDR

10
A001

Nuclear Regulatory Commission
June 11, 1998
Page 2

fuel. In order to add FCF's extended burnup report to the U. S. licensing basis for Oconee, McGuire and Catawba, Duke requested in a letter dated December 16, 1997 approval to analyze fuel rod corrosion using FCF's approved methods. Duke will use FCF's corrosion methodology and oxide limit as defined in FCF's letter to the NRC, dated October 28, 1997, concerning "Application of BAW-10186P-A, Extended Burnup Evaluation." Additionally Duke will continue to use its existing licensing basis methodology, DPC-NE-2008P-A; will provide documentation including code benchmarking and verification and corrosion data collection and analysis for potential future NRC audits; and will continue to meet all of NRC's burnup limitations as stated above.

If there are any questions concerning this clarification, please contact Mr. Ron Gribble at (704) 382-6160.

A handwritten signature in black ink, appearing to read "M. S. Tuckman". The signature is fluid and cursive, with the first letters of each word being capitalized and prominent.

M. S. Tuckman

U. S. Nuclear Regulatory Commission
June 11, 1998
Page 3

cc: Mr. L. A. Reyes
Administrator, Region II
U. S. Nuclear Regulatory Commission
Atlanta Federal Center
61 Forsyth St., SW, Suite 23T85
Atlanta, GA 30303

Mr. F. Rinaldi
U. S. Nuclear Regulatory Commission
Office of Nuclear Reactor Regulation
Washington, DC 20555

Mr. P. S. Tam
U. S. Nuclear Regulatory Commission
Mail Stop O-14 H25
Washington, DC 20555

Mr. D. E. Labarge
U. S. Nuclear Regulatory Commission
Mail Stop O-14 H25
Washington, DC 20555

Mr. S. M. Shaeffer
Senior Resident Inspector
McGuire Nuclear Station

Mr. D. J. Roberts
Senior Resident Inspector
Catawba Nuclear Station

Mr. M. A. Scott
Senior Resident Inspector
Oconee Nuclear Station