

December 22, 1999

Mr. W. R. McCollum, Jr.
Vice President, Oconee Site
Duke Energy Corporation
7800 Rochester Highway
Seneca, SC 29672

SUBJECT: OCONEE NUCLEAR STATION, UNITS 1, 2 AND 3 RE: USE OF CODE CASE N-20-4 (TAC NOS. MA6535, MA6536, AND MA6537)

Dear Mr. McCollum:

By letter dated September 23, 1999, Duke Energy Corporation requested approval under the provisions of 10 CFR 50.55a(a)(3) to use the American Society of Mechanical Engineers Section III Code Case N-20-4 during the impending fabrication of replacement steam generators for the Oconee Nuclear Station, Units 1, 2, and 3. Code Case N-20-4 describes various requirements for three nickel-based alloys (alloys 600, 690 and 800) for use in the construction of Class 1 components in accordance with Section III, Division 1. Duke Energy Corporation intends to use alloy 690 tubing in its replacement steam generators.

On the basis of the enclosed safety evaluation, the staff has determined that Code Case N-20-4 provides an acceptable level of quality and safety. Pursuant to 10 CFR 50.55a(a)(3)(i), relief is hereby granted to employ Code Case N-20-4 for the replacement steam generator project at Oconee.

Sincerely,

Original signed by P. Tam for
Richard L. Emch, Jr., Section Chief, Section 1
Project Directorate II
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket Nos. 50-269, 50-270, and 50-287

Enclosure: Safety Evaluation

cc w/encl: See next page

Distribution:

File Center	REmch	ACRS	RScholl (e-mail SE)
PUBLIC	DLaBarge	COgle	GHi1 (6)
PDII-1 Reading	CHawes	ESullivan	JYerokun, EDO
HBerkow	OGC	SCoffin	

ORR FILE CENTER COPY

DFOI

DOCUMENT NAME: G:\PDII-1\OCONEE\LTRA6565.wpd

To receive a copy of this document, indicate in the box C=Copy w/o attachment/enclosure E=Copy with attachment/enclosure N = No copy

OFFICE	PDII-1/PM	PDII-1/LA	OGC	PDII-1/SC
NAME	DLaBarge:mw	CHawes	R. Bachmann	REmch
DATE	11/29/99	12/20/99	12/19/99	12/21/99

OFFICIAL RECORD COPY

PDR ADDN 0500 0269



UNITED STATES
NUCLEAR REGULATORY COMMISSION

WASHINGTON, D.C. 20555-0001

December 22, 1999

Mr. W. R. McCollum, Jr.
Vice President, Oconee Site
Duke Energy Corporation
7800 Rochester Highway
Seneca, SC 29672

SUBJECT: OCONEE NUCLEAR STATION, UNITS 1, 2 AND 3 RE: USE OF CODE CASE
N-20-4 (TAC NOS. MA6535, MA6536, AND MA3537)

Dear Mr. McCollum:

By letter dated September 23, 1999, Duke Energy Corporation requested approval under the provisions of 10 CFR 50.55a(a)(3) to use the American Society of Mechanical Engineers Section III Code Case N-20-4 during the impending fabrication of replacement steam generators for the Oconee Nuclear Station, Units 1, 2, and 3. Code Case N-20-4 describes various requirements for three nickel-based alloys (alloys 600, 690 and 800) for use in the construction of Class 1 components in accordance with Section III, Division 1. Duke Energy Corporation intends to use alloy 690 tubing in its replacement steam generators.

On the basis of the enclosed safety evaluation, the staff has determined that Code Case N-20-4 provides an acceptable level of quality and safety. Pursuant to 10 CFR 50.55a(a)(3)(i), relief is hereby granted to employ Code Case N-20-4 for the replacement steam generator project at Oconee.

Sincerely,

A handwritten signature in cursive script that reads "Richard L. Emch, Jr." followed by a stylized flourish.

Richard L. Emch, Jr., Section Chief, Section 1
Project Directorate II
Division of Licensing Project Management
Office of Nuclear Reactor Regulation

Docket Nos. 50-269, 50-270, and 50-287

Enclosure: Safety Evaluation

cc w/encl: See next page

Oconee Nuclear Station

cc:

Ms. Lisa F. Vaughn
Legal Department (PBO5E)
Duke Energy Corporation
422 South Church Street
Charlotte, North Carolina 28201-1006

Anne W. Cottingham, Esquire
Winston and Strawn
1400 L Street, NW
Washington, DC 20005

Mr. Rick N. Edwards
Framatome Technologies
Suite 525
1700 Rockville Pike
Rockville, Maryland 20852-1631

Manager, LIS
NUS Corporation
2650 McCormick Drive, 3rd Floor
Clearwater, Florida 34619-1035

Senior Resident Inspector
U. S. Nuclear Regulatory
Commission
7812B Rochester Highway
Seneca, South Carolina 29672

Virgil R. Autry, Director
Division of Radioactive Waste Management
Bureau of Land and Waste Management
Department of Health and Environmental
Control
2600 Bull Street
Columbia, South Carolina 29201-1708

Mr. L. E. Nicholson
Compliance Manager
Duke Energy Corporation
Oconee Nuclear Site
7800 Rochester Highway
Seneca, South Carolina 29672

Ms. Karen E. Long
Assistant Attorney General
North Carolina Department of
Justice
P. O. Box 629
Raleigh, North Carolina 27602

L. A. Keller
Manager - Nuclear Regulatory
Licensing
Duke Energy Corporation
526 South Church Street
Charlotte, North Carolina 28201-1006

Mr. Richard M. Fry, Director
Division of Radiation Protection
North Carolina Department of
Environment, Health, and
Natural Resources
3825 Barrett Drive
Raleigh, North Carolina 27609-7721

Mr. Steven P. Shaver
Senior Sales Engineer
Westinghouse Electric Company
5929 Carnegie Blvd.
Suite 500
Charlotte, North Carolina 28209