

August 9, 1999

Mr. Robert P. Powers, Senior Vice President  
Indiana Michigan Power Company  
Nuclear Generation Group  
500 Circle Drive  
Buchanan, MI 49107

SUBJECT: DONALD C. COOK NUCLEAR PLANT, UNIT 1 - USE OF ASME CODE,  
SECTION IX, CODE CASES 2142-1 AND 2143-1 (TAC NO. MA2439)

Dear Mr. Powers:

By letter dated April 3, 1998, Indiana Michigan Power Company requested approval under the provisions of 10 CFR 50.55a(a)(3) to use American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code (Code), Section IX, Code Cases 2142-1 and 2143-1 for the fabrication and installation of Donald C. Cook Nuclear Plant, Unit 1, replacement steam generator lower assemblies.

The NRC staff has reviewed the request and supporting information and concludes that the use of the subject Code Cases as an alternative to the ASME Code, Section IX, requirements will provide an acceptable level of quality and safety and is authorized pursuant to 10 CFR 50.55a(a)(3)(i). The staff's Safety Evaluation is enclosed.

This completes the staff's actions for TAC No. MA2439. If you have any questions regarding this matter, please contact me at (301) 415-1345.

Sincerely,

(Original signed by)  
Claudia M. Craig, Section Chief, Section 1  
Project Directorate III  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket No. 50-315

Enclosure: As stated

cc w/encl: See next page

DFOI/

DOCUMENT NAME: G:\PDIII-1\DCCOOK\RELA2439

To receive a copy of this document, indicate in the box: "C" = Copy without attachment/enclosure "E" = Copy with attachment/enclosure "N" = No copy

OFC	RM:LPD3	E	PM:LRD3	E	SC:MCEB	E	LA:LPD3	E	OGC	SC:LRD3	E
NAME	FLyon	W	JStang		KWichman		EBarnhill	EB	CR	CCraig	UC
DATE	7/14/99		7/14/99		7/16/99		7/14/99		7/14/99		8/9/99

OFFICIAL RECORD COPY

NRC FILE CENTER COPY

9908120095 990809  
PDR ADOCK 05000315  
PDR



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

August 9, 1999

Mr. Robert P. Powers, Senior Vice President  
Indiana Michigan Power Company  
Nuclear Generation Group  
500 Circle Drive  
Buchanan, MI 49107

SUBJECT: DONALD C. COOK NUCLEAR PLANT, UNIT 1 - USE OF ASME CODE,  
SECTION IX, CODE CASES 2142-1 AND 2143-1 (TAC NO. MA2439)

Dear Mr. Powers:

By letter dated April 3, 1998, Indiana Michigan Power Company requested approval under the provisions of 10 CFR 50.55a(a)(3) to use American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code (Code), Section IX, Code Cases 2142-1 and 2143-1 for the fabrication and installation of Donald C. Cook Nuclear Plant, Unit 1, replacement steam generator lower assemblies.

The NRC staff has reviewed the request and supporting information and concludes that the use of the subject Code Cases as an alternative to the ASME Code, Section IX, requirements will provide an acceptable level of quality and safety and is authorized pursuant to 10 CFR 50.55a(a)(3)(i). The staff's Safety Evaluation is enclosed.

This completes the staff's actions for TAC No. MA2439. If you have any questions regarding this matter, please contact me at (301) 415-1345.

Sincerely,

A handwritten signature in cursive script that reads "Claudia M. Craig".

Claudia M. Craig, Section Chief, Section 10  
Project Directorate III  
Division of Licensing, Project Management  
Office of Nuclear Reactor Regulation

Docket No. 50-315

Enclosure: As stated

cc w/encl: See next page



Robert P. Powers  
Indiana Michigan Power Company

Donald C. Cook Nuclear Plant  
Units 1 and 2

cc:

Regional Administrator, Region III  
U.S. Nuclear Regulatory Commission  
801 Warrenville Road  
Lisle, IL 60532-4351

Drinking Water and Radiological  
Protection Division  
Michigan Department of  
Environmental Quality  
3423 N. Martin Luther King Jr Blvd  
P.O. Box 30630 CPH Mailroom  
Lansing, MI 48909-8130

Attorney General  
Department of Attorney General  
525 West Ottawa Street  
Lansing, MI 48913

Gordon Arent  
Director, Regulatory Affairs  
Indiana Michigan Power Company  
Nuclear Generation Group  
500 Circle Drive  
Buchanan, MI 49107

Township Supervisor  
Lake Township Hall  
P.O. Box 818  
Bridgman, MI 49106

U.S. Nuclear Regulatory Commission  
Resident Inspector's Office  
7700 Red Arrow Highway  
Stevensville, MI 49127

David A. Lochbaum  
Union of Concerned Scientists  
1616 P Street NW, Suite 310  
Washington, DC 20036-1495

Jeremy J. Euto, Esquire  
Indiana Michigan Power Company  
Nuclear Generation Group  
500 Circle Drive  
Buchanan, MI 49107

A. Christopher Bakken, Site Vice President  
Indiana Michigan Power Company  
Nuclear Generation Group  
One Cook Place  
Bridgman, MI 49106

Mayor, City of Bridgman  
P.O. Box 366  
Bridgman, MI 49106

Michael W. Rencheck  
Vice President, Nuclear Engineering  
Indiana Michigan Power Company  
Nuclear Generation Group  
500 Circle Drive  
Buchanan, MI 49107

Special Assistant to the Governor  
Room 1 - State Capitol  
Lansing, MI 48909