



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

Docket File  
50-316

October 17, 1996

Mr. E. E. Fitzpatrick, Vice President  
Indiana Michigan Power  
Nuclear Generation Group  
500 Circle Drive  
Buchanan, MI 49107

SUBJECT: CLOSEOUT OF RESPONSE TO GENERIC LETTER 92-01, REVISION 1,  
SUPPLEMENT 1 FOR D.C. COOK UNIT 2 (TAC NO. M92665)

Dear Mr. Fitzpatrick:

On May 19, 1995, the NRC issued Generic Letter 92-01, Revision 1, Supplement 1 (GL 92-01, Rev. 1, Supp. 1), "Reactor Vessel Structural Integrity." In GL 92-01, Rev. 1, Supp. 1, the NRC requested that nuclear licensees perform a review of their reactor pressure vessel structural integrity assessments in order "to identify, collect, and report any new data pertinent to [the] analysis of [the] structural integrity of their reactor pressure vessels (RPVs) and to assess the impact of that data on their RPV integrity analyses relative to the requirements of Section 50.60 of Title 10 of the *Code of Federal Regulations* (10 CFR 50.60), 10 CFR 50.61, Appendices G and H to 10 CFR Part 50 (which encompass pressurized thermal shock (PTS) and upper shelf energy (USE) evaluations), and any potential impact on low temperature overpressure (LTOP) limits or pressure-temperature (P-T) limits."

More specifically, in GL 92-01, Rev. 1, Supp. 1, the NRC requested that addressees provide the following information in their responses:

- (1) a description of those actions taken or planned to locate all data relevant to the determination of RPV integrity, or an explanation of why the existing data base is considered complete as previously submitted;
- (2) an assessment of any change in best-estimate chemistry based on consideration of all relevant data;
- (3) a determination of the need for the use of the ratio procedure in accordance with the established Position 2.1 of RG 1.99, Revision 2, for those licensees that use surveillance data to provide a basis for the RPV integrity evaluation; and
- (4) a written report providing any newly acquired data as specified above and (1) the results of any necessary revisions to the evaluations of RPV integrity in accordance with the requirements of 10 CFR 50.60, 10 CFR 50.61, Appendices G and H to 10 CFR Part 50, and any potential impact on the LTOP and P-T limits in the technical specifications, or (2) a certification that previously submitted evaluations remain valid.

210101

NRC FILE CENTER COPY

9610220039 961017  
PDR ADOCK 05000316  
P PDR

DF01/10

1954  
1955  
1956  
1957  
1958  
1959  
1960  
1961  
1962  
1963  
1964  
1965  
1966  
1967  
1968  
1969  
1970  
1971  
1972  
1973  
1974  
1975  
1976  
1977  
1978  
1979  
1980  
1981  
1982  
1983  
1984  
1985  
1986  
1987  
1988  
1989  
1990  
1991  
1992  
1993  
1994  
1995  
1996  
1997  
1998  
1999  
2000  
2001  
2002  
2003  
2004  
2005  
2006  
2007  
2008  
2009  
2010  
2011  
2012  
2013  
2014  
2015  
2016  
2017  
2018  
2019  
2020  
2021  
2022  
2023  
2024  
2025

Revised evaluations and certifications were to include consideration of Position 2.1 of RG 1.99, Revision 2, as applicable, and any new data. The information in Reporting Item (1) was to be submitted within 90 days of the issuance of the GL. The information in Reporting Items (2) - (4) was to be submitted within 6 months of the issuance of the GL.

The NRC staff has noted that Indiana Michigan Power Company submitted the information requested in Reporting Item (1) on August 16, 1995, and the information requested in Reporting Items (2) - (4) on November 20, 1995. Your response indicates that Indiana Michigan Power Company has performed some additional reviews of the pertinent Owners Group databases and has not found any additional data regarding the best-estimate chemistries for the RPV materials and surveillance capsules at D.C. Cook, Unit 2. Since Indiana Michigan Power Company has submitted the requested information and has indicated that the previously submitted evaluations remain valid, the staff considers the RPV integrity data for D.C. Cook, Unit 2 to be complete at this time. The staff therefore concludes that no additional information regarding the structural integrity of the RPV at D.C. Cook, Unit 2 is available at this time, and that your efforts regarding GL 92-01, Rev. 1, Supp. 1 are complete. This completes all actions related to the referenced TAC Number.

The staff has also noted that you consider some of the information from the databases to be interim data pending further verification. We request that you provide us with the results of your reevaluations of any new information you receive relative to your plant. When you provide this information, the staff may open a plant-specific TAC No. for its review.

Thank you for your cooperation. If you have any questions regarding this matter, please do not hesitate to contact John Hickman at (301) 415-3017.

Sincerely,

Original signed by:

John B. Hickman, Project Manager  
Project Directorate III-3  
Division of Reactor Projects - III/IV  
Office of Nuclear Reactor Regulation

Docket No. 50-316

cc: See next page

DISTRIBUTION:

Docket File (50-316)	PUBLIC	PD 3-3 Reading
JRoe	EAdensam (EGA1)	OGC
ACRS	W. Kropp, RIII	DMcDonald
JStrosnider	KWichman	

DOCUMENT NAME: G:\DCC00K\C092665.LTR

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

OFFICE	PM:PD33	E	LA:PD33	E	
NAME	JHickman		DFoster-Curseen		
DATE	10/17/96		10/17/96		

OFFICIAL RECORD COPY



Mr. E. E. Fitzpatrick  
Indiana Michigan Power Company

Donald C. Cook Nuclear Plant

cc:

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

Mr. Steve J. Brewer  
Indiana Michigan Power  
Nuclear Generation Group  
500 Circle Drive  
Buchanan, Michigan 49107

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

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

Al Blind, Site Vice President  
Donald C. Cook Nuclear Plant  
1 Cook Place  
Bridgman, Michigan 49106

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

Gerald Charnoff, Esquire  
Shaw, Pittman, Potts and Trowbridge  
2300 N Street, N. W.  
Washington, DC 20037

Mayor, City of Bridgman  
Post Office Box 366  
Bridgman, Michigan 49106

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

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, Michigan 48909-8130