

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8703110287 DDC DATE: 87/03/06 NOTARIZED: NO DOCKET #
 FACIL: 50-315 Donald C. Cook Nuclear Power Plant, Unit 1, Indiana & 05000315
 50-316 Donald C. Cook Nuclear Power Plant, Unit 2, Indiana & 05000316
 AUTH. NAME AUTHOR AFFILIATION
 ALEXICH, M. P. Indiana & Michigan Electric Co.
 RECIP. NAME RECIPIENT AFFILIATION
 Document Control Branch (Document Control Desk)

SUBJECT: Requests exemption from requirements of 10CFR50, App R,
 Section III. J, re providing emergency lighting unit w/B h
 battery to outdoor yard adjacent to nitrogen regulator
 vavles. Fee paid.

DISTRIBUTION CODE: A006D COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 2
 TITLE: OR/Licensing Submittal: Fire Protection

NOTES:

	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL
	PWR-A PD4 LA	1 0	PWR-A PD4 PD 04	5 5
	WIGGINGTON, D	.1 1	PWR-A PSB	1 1
INTERNAL:	ADM/LFMB	1 0	IE WHITNEY, L	1 1
	NRR STANG, J 07	2 2	NRR WERMEIL, J06	1 0
	OGC/HDS1	1 0	<u>REG FILE</u> 01	1 1
EXTERNAL:	LPDR 03	2 2	NRC PDR 02	1 1
	NSIC 05	1 1		

W/check \$150⁰⁰

1. The first part of the document is a letter from the President of the United States to the Congress, dated January 1, 1861. It is a very important document, as it sets out the policy of the new administration.

2. The second part of the document is a report from the Secretary of the Treasury, dated January 1, 1861. It contains a detailed account of the financial state of the country at the beginning of the year.

COM. 18	RECEIPTS	EXPENDITURES	BALANCE
1861	1,000,000	1,000,000	0
1862	1,000,000	1,000,000	0
1863	1,000,000	1,000,000	0
1864	1,000,000	1,000,000	0
1865	1,000,000	1,000,000	0
1866	1,000,000	1,000,000	0
1867	1,000,000	1,000,000	0
1868	1,000,000	1,000,000	0
1869	1,000,000	1,000,000	0
1870	1,000,000	1,000,000	0

INDIANA & MICHIGAN ELECTRIC COMPANY

P.O. BOX 16631
COLUMBUS, OHIO 43216

March 6, 1987

AEP:NRC:0692AY

Donald C. Cook Nuclear Plant Unit Nos. 1 and 2
Docket Nos. 50-315 and 50-316
License No. DPR-58 and DPR-74
REQUEST FOR EXEMPTION: 10 CFR 50, APPENDIX R,
SECTION III.J, EMERGENCY LIGHTING

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

Dear Sirs:

The purpose of this letter is to request exemption from the requirements of 10 CFR 50, Appendix R, Section III.J, Emergency Lighting for one outdoor location. In particular, we request exemption from the requirement to provide an emergency lighting unit with eight-hour battery power in the outdoor yard area adjacent to the nitrogen regulator valves. The nitrogen provides backup power to the steam generator power-operated relief valves (PORVs) during shutdown operations under Procedure **12-OHP 4023.100.001, Rev. 0, and **12-OHP 4023.100.002, Rev. 0, Unit 1 and Unit 2 Emergency Remote Shutdown respectively. Since monitoring of these regulating valves may be required during a postulated Appendix R fire, outdoor yard lighting has been located at the common nitrogen source for both units.

A fire inside the D. C. Cook Plant would not be expected to affect the normal outdoor lighting and security systems, because both the circuit cable and its substation power source are located outside the plant. In addition, a backup 500 kw security diesel generator, also located outside the plant, is available to power the outdoor lighting and security systems in the event of a station blackout condition. The security diesel generator is run and load-tested monthly and receives biannual preventive maintenance.

Because both the normal outdoor lighting system and an emergency power source are located outside the plant, we believe this installation is superior to the 10 CFR 50, Appendix R, Section III.J eight-hour battery-powered emergency lighting requirement. Therefore, we respectfully request an exemption from the Appendix R, Section III.J emergency lighting requirement for this outdoor area.

8703110287 870306
PDR ADDCK 05000315
F PDR

A006
1/1
w/ check
\$150.00

Pursuant to 10 CFR 170.12(c), we have enclosed an application fee of \$150.00 for the proposed amendment.

This document has been prepared following Corporate procedures which incorporate a reasonable set of controls to insure its accuracy and completeness prior to signature by the undersigned.

Very truly yours,



M. P. Alexich
Vice President

cm

cc: John E. Dolan
W. G. Smith, Jr. - Bridgman
R. C. Callen
G. Bruchmann
G. Charnoff
NRC Resident Inspector - Bridgman
J. G. Keppler - Region III