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TO: Mr. Edson G. Case		FROM: Indiana & Michigan Power Co. New York, N.Y. 10004 John Tillinghast		DATE OF DOCUMENT 01/23/78	
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DESCRIPTION	ENCLOSURE
	Response to NRC ltr dtd 04/13/77... Forwarding analysis of the short-term steam generator sub-compartment pressure response on Subject Facility, Units 1 & 2...Notarized 01/23/78... ^{wo} /response to NRC Question 0223-1 <i>(see report)</i>
2p	100p
PLANT NAME : COOK UNITS 1 & 2 jcm 05/26/78 <i>Dist Pee M. Mlynchzak</i>	<i>1 ENCL</i>

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INDIANA & MICHIGAN POWER COMPANY

P. O. BOX 18
BOWLING GREEN STATION
NEW YORK, N. Y. 10004

January 23, 1978

Donald C. Cook Nuclear Plant Unit Nos. 1 & 2
Docket Nos. 50-315 & 50-316
DPR Nos. 58 & 74
Subject: Steam Generator Subcompartment
Pressure Response Analysis

Mr. Edson G. Case, Acting Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D. C. 20555

US NRC
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SERVICES UNIT

Dear Mr. Case:

This letter transmits the analysis of the short-term steam generator sub-compartment pressure response on Donald C. Cook Nuclear Plant Units 1 and 2. The information presented herein is in response to NRC Question 022.3 attached to Mr. K. Kniel's letter of April 13, 1977, and to Section 2.C.3.b of the Facility Operating License for Donald C. Cook Nuclear Plant Unit No. 2. The analysis contained herein is based on Unit 2 data but is applicable to Unit 1 also, since both Units are identical in the areas of concern.

Attachment 1 to this letter responds to NRC Question 022.3. Attachment No. 2 discusses the structural adequacy of the steam generator sub-compartment to meet the pressure results associated with the subject analyses cited in Attachment 1. This structural analysis shows that in all cases the structure is capable of withstanding the pressures corresponding to the postulated breaks within the compartment with a safety factor (load factor) of 1.5.

In addition to the sub-compartment structural analysis, an analysis was also performed as to the adequacy of steam generator supports. The results of this analysis are shown in response to Question 022.3-1 (j), as well as in Attachment No. 3 and these results show that no components were overstressed. A dynamic load factor of two (2) was used in this analysis to convert each dynamic load to its equivalent static load.

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We believe the information contained herein completes our obligation with regard to NRC Question O22.3. Since we are currently scheduled to go to Mode 2 operation on Unit 2 on February 9, 1978 we must assume that unless we are advised differently by your staff, this letter satisfies the NRC concerns expressed by the license conditions in Section 2.C.3.b and that there is no reason why this condition of license will prevent us from entering into Mode 2 operation for the initial startup of Donald C. Cook Nuclear Plant, Unit No. 2.

Very truly yours,

John Tillinghast
John Tillinghast
Vice President

Sworn and subscribed to before me
this 23rd day of January, 1978 in
New York County, New York

Kathleen Barry

Notary Public
KATHLEEN BARRY
NOTARY PUBLIC, State of New York
No. 41-4606792
Qualified in Queens County
Certificate filed in New York County
Commission expires March 30, 1979

- cc: R. C. Callen
- G. Charnoff
- R. W. Jurgensen
- D. V. Shaller - Bridgman
- R. W. Steketee
- R. J. Vollen

1. The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that this is crucial for the company's financial health and for providing reliable information to stakeholders.

2. The second part of the document outlines the specific procedures for recording transactions. It details the steps from identifying a transaction to entering it into the accounting system, ensuring that all necessary details are captured.

3. The third part of the document addresses the role of the accounting department in monitoring and controlling the company's resources. It highlights the need for regular reviews and audits to ensure that the company is operating efficiently and within budget.

CONCLUSION

The document concludes by reiterating the importance of accurate record-keeping and the role of the accounting department in ensuring the company's financial success.

The following table provides a summary of the key points discussed in the document:

Key points include:

- Accurate record-keeping is essential for financial health.
- The accounting department plays a critical role in monitoring and controlling resources.
- Regular reviews and audits are necessary to ensure efficiency and budget compliance.