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SUBJECT: FORWARDS AMEND 83 TO FSAR.

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April 4, 1979
AEP:NRC:00117

Donald C. Cook Nuclear Plant Units No. 1 and 2
Dockets No. 50-315 and 50-316
License No. DPR-58 and DPR-74
FSAR Amendment No. 83

Mr. Harold R. Denton, Director
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Dear Mr. Denton:

This letter transmits to your office forty copies of Amendment No.83 to the Donald C. Cook Nuclear Plant Final Safety Analysis Report (FSAR). This amendment consists of revisions to previously submitted material on the following topics:

- (1) Part length control rod removal from Unit 1, installation of permanent anti-rotation devices on the corresponding control rod drive mechanisms in Units 1 and 2 and editorial changes to delete references to Unit 2 within the Unit 1 description;
- (2) Editorial change to the gas decay tank rupture discussion; and
- (3) Editorial change to insert information on the main steam line break analysis.

A discussion of these three revisions follows.

ITEM 1

The information in this item is applicable to Units 1 and 2 as indicated. In the Chapter 3 white pages, changes are made to reflect in Unit 1 the removal of the part length control rods and the installation of permanent anti-rotation devices on the corresponding control rod drive mechanisms. Changes are also made

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ITEM 1 (CONTINUED)

in the Chapter 3 white pages to delete references to Unit 2 (which is addressed in the FSAR Chapter 3 yellow pages). One change is made on Chapter 3 yellow page 3.2-57 to indicate installation of permanent anti-rotation devices in Unit 2.

The corresponding revision to reflect the absence of part length control rods in Unit 2 was incorporated into FSAR chapter 3 on yellow pages as part of Amendment No. 78. This issue was briefly mentioned for Unit 2 in Reference 1, and the same considerations apply to Unit 1. This change does not involve an unreviewed safety question as defined in 10 CFR 50.59(c), and has no safety or environmental significance. Hence, this change does not require prior NRC review or authorization, and thus the fee schedule in 10 CFR 170 is not applicable.

As you were previously informed in Reference 2, the removal of the part length control rods and installation of anti-rotation devices in Unit 1 is planned for the refueling outage expected to begin in early April, 1979.

A change request will soon be submitted to delete Section 3/4.1.3.6, entitled "Part Length Rod Insertion Limits", and its Basis from the Unit 1 Appendix A Technical Specifications. This Technical Specification requires that all part length control rods be fully withdrawn in Modes 1 and 2 and becomes moot when the part length rods are removed.

The deletions of references to Unit 2 are merely editorial changes to improve clarity and consistency because the Chapter 3 white pages are not applicable to Unit 2 and Unit 2 is covered in the Chapter 3 yellow pages. This part of the Chapter 3 revision does not require NRC review and therefore the fee schedule in 10 CFR 170 is not applicable.

ITEM 2

The information in this item is applicable to both Units 1 and 2.

In the Section 14.2.3 white pages, a change is made in the quoted value of the calculated radioactivity release due to gas decay tank rupture to make this value consistent with the corresponding calculated whole body dose value quoted later on the same page. This revision was inadvertently overlooked when the latter value was changed in FSAR Amendment No. 21. This change does not require NRC review. Therefore, the fee schedule in 10 CFR 170 is not applicable.

April 4, 1979

Mr. Harold R. Denton, Director

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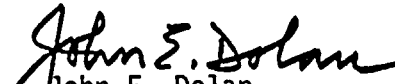
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ITEM 3

The information in this item is applicable to Unit 2 only.

In Appendix Q on yellow pages, replacement is made of the response to Question 022.9 on main steam line break analysis. The original response to Question 022.9 was a commitment to supply certain information concerning the main steamline break analysis. This information was previously submitted for NRC review by means of Reference 3. The correction of an obvious typographical error in Table 022.9-4 (in the first column T_{max} should be 328.0, not 238.0) does not change the conclusions. This revision merely incorporates formally previously submitted information into the Unit 2 FSAR and does not require NRC review. Therefore, the fee schedule in 10 CFR 170 is not applicable.

Very truly yours,


John E. Dolan
Vice President

Sworn and subscribed to before me
this 4th day of April, 1979
New York County, New York


Notary Public

KATHLEEN BARRY
NOTARY PUBLIC, State of New York
No. 41-1606792
Qualified in Queens County
Certificate filed in New York County
Administration expires March 30, 1981

REFERENCES

- 1) Supplement 7 to the Safety Evaluation Report by the Office of Nuclear Reactor Regulation, U.S. Nuclear Regulatory Commission, in the matter of Donald C. Cook Nuclear Plant, Unit No. 2.
- 2) Letter dated December 20, 1978 from the Indiana & Michigan Power Company (Mr. John Tillinghast) to the NRC office of Nuclear Reactor Regulation (Mr. H. R. Denton).
- 3) Letter dated September 22, 1978 from the Indiana & Michigan Power Company (Mr. John Tillinghast) to the NRC Office of Nuclear Reactor Regulation (Mr. H. R. Denton).

Mr. Harold R. Denton, Director

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