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RECIP.NAME RECIPIENT AFFILIATION
DENTON,H.R. Office of Nuclear Reactor Regulation

SUBJECT: Discusses peaking factor limits in light of revised ECCS analysis.Peak factor limit administratively reduced to value of 1.99 from 2.11.Forwards revision to Tech Specs incorporating reduced limits.

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January 9, 1980
AEP:NRC:00322B

Donald C. Cook Nuclear Plant Unit No. 2
Docket No. 50-316
License No. DPR-74
Subject: Peaking Factor Limits at Unit 2 in Light of Revised ECCS Analysis

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

Dear Mr. Denton:

As a result of the revised ECCS analysis performed for Donald C. Cook Nuclear Plant Unit 2 by Westinghouse Electric Corporation using their February 1978 evaluation model and incorporating into the analysis the potential impact of the clad behavior data presented in draft NUREG-0630, we have discovered that our current limit on F_Q of 2.11 should be reduced to a value of 1.99. A discussion of the basis for this change is enclosed as Attachment A. Upon the discovery of this reduction we informed the NRC staff and stated in our letter of January 8, 1980 (AEP:NRC:00322A) that we would administratively limit the F_Q of Unit 2 to 1.99. Further, until the NRC staff approves the Technical Specification changes discussed below, we will not operate Unit 2 in any mode in which the new F_Q limits apply.

The F_Q limit affects numerous Technical Specifications. In our letter of November 2, 1979 (AEP:NRC:00297), we submitted Technical Specification change requests related to F_Q limits along with the required license amendment fee. At that time, our motivation was to bring the actual Technical Specifications in line with the administrative limits which resulted from the discovery of a calculational error in Westinghouse's October 1975 evaluation model and subsequent issuance of the NRC order. In light of the latest

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results, we wish to update the outstanding Technical Specification change requests to incorporate the F_Q limit of 1.99. A detailed description of the changes involved are presented in Attachment B to this letter.

Since the change requests of interest have already been formally requested and paid for as a Class III License Amendment for Unit 2, payment of additional fees is deemed unwarranted.

Very truly yours,

John E. Dolan

John E. Dolan
Vice President

JED:em

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DC-N-6015.1
DC-N-6665.7
AEP:NRC:00322
AEP:NRC:00322A
AEP:NRC:00322B

ATTACHMENT A
TO
AEP:NRC:00322B
DONALD C. COOK NUCLEAR PLANT
UNIT NO. 2
DOCKET NO. 50-316
LICENSE NO. DPR-74