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 50-413 Catawba Nuclear Station, Unit 1, Duke Power Co. 05000413  
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SUBJECT: Forwards Rev 1 to DPC-NE-3000, "Thermal-Hydraulic Transient Analysis Methodology."

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**DUKE POWER**

May 11, 1989

U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Attention: Document Control Desk

Subject: Oconee Nuclear Station  
Docket Nos. 50-269, -270, -287✓  
McGuire Nuclear Station  
Docket Nos. 50-369, -370✓  
Catawba Nuclear Station  
Docket Nos. 50-413, -414  
Topical Report DPC-NE-3000  
"Thermal-Hydraulic Transient Analysis Methodology"

By letter dated April 3, 1989, Duke Power Company proposed a revision to topical report DPC-NE-3000, to respond to NRC questions regarding the content to the report and how it interfaced with other Duke topical reports. During subsequent discussions the Staff agreed to the proposed scope of the revision. Consistent with this approach, please find attached for your review Revision 1 to DPC-NE-3000.

Revision 1 consists of four parts. The first part is a replacement Section 2.3, "Oconee VIPRE Model," which has been revised in response to the Staff's comments. Section 2.3.4 provides details regarding the differences between the transient core thermal-hydraulic models and the steady-state models submitted in DPC-NE-2003. The second part is a new section, Section 3.3, "McGuire/Catawba VIPRE Model. This section is similar to Section 2.3, and includes a Section 3.3.4 that similarly describes the modeling differences when compared to DPC-NE-2004. The third part is a deletion of Section 6.0, which was in response to a Staff question. The fourth part of Revision 1 is an update of the frontal matter (Table of Contents, etc.), Section 1.0, and Section 7.0 (now Section 6.0) to agree with the above technical changes.

In accordance with 10 CFR 2.790, Duke Power Company requests that Revision 1 to DPC-NE-3000 be considered proprietary. Information supporting this request was included in the affidavit which accompanied the original submittal of DPC-NE-3000, dated September 29, 1987.

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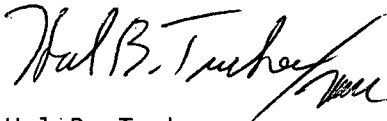
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If we may be of further assistance in your review, please call Scott Gewehr (704/373-7581) or Gregg Swindlehurst (704/373-5176).

Very truly yours,



Hal B. Tucker

SAG/165/td

Attachment

cc: W/Attachment

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Page Three

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GS-801.01

Attachment

DPC-NE-3000-Revision 1

Revision 1 Instructions

Delete

Cover page  
i to xxvi  
1-1 to 1-9  
2-65 to 2-105  
3-67  
6-1 to 6-29  
7-1 to 7-3

Insert

Cover page  
i to xxv  
1-1 to 1-10  
2-65 to 2-100  
3-67 to 3-94  
6-1 to 6-3