



Duke Power Company
A Duke Energy Company

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M. S. Tuckman
*Executive Vice President
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June 7, 2000

U. S. Nuclear Regulatory Commission
Washington D. C. 20555-0001

ATTENTION: Document Control Desk

Subject: Oconee Nuclear Station
Docket Numbers 50-269, 50-270, and 50-287
Topical Report DPC-NE-2003, Revision 1, Core
Thermal-Hydraulic Methodology Using VIPRE-01

Reference: Letter from M.S. Tuckman to U.S. Nuclear
Regulatory Commission, SUBJECT: "Topical
Report DPC-NE-2003, Revision 1, Core Thermal-
Hydraulic Methodology Using VIPRE-01",
February 10, 2000.

This submittal package contains information that Duke Energy Corporation considers proprietary. This information is contained within the proprietary version of Topical Report DPC-NE-2003 (designated DPC-NE-2003P) and is provided as Attachment B to this letter. In accordance with 10CFR2.790, Duke requests that this information be withheld from public disclosure. An affidavit that attests to the proprietary nature of this information is included with this letter.

Enclosed is an amendment to Reference 1, originally submitted February 10, 2000. This submittal is an update to the approved version of DPC-NE-2003 to incorporate subsequently approved methodology changes from other licensing documents. All changes between Revision 0 and Revision 1 of DPC-NE-2003 have been previously approved by the NRC. No unreviewed technical changes are included in Revision 1.

This amendment to Revision 1 is being submitted as a result of teleconferences between NRC reviewers and Duke Energy Corporation. The information was reformatted to enhance

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the clarity of the changes. Due to the extent of the changes, this submittal supercedes the previous submittal documented in Reference 1.

The contents of this submittal package are:

Attachment A provides Topical Report DPC-NE-2003, *Core Thermal-Hydraulic Methodology Using VIPRE-01*, Revision 1. This includes the entire non-proprietary version of the topical report with the changes proposed in Revision 1.

Attachment B provides Topical Report DPC-NE-2003P, *Core Thermal-Hydraulic Methodology Using VIPRE-01*, Revision 1. This includes the entire proprietary version of the topical report with the changes proposed in Revision 1.

Incorporation of Revision 1 to DPC-NE-2003 into the reload process will require a change to the list of references in Section 5.6.5 of the Oconee Technical Specifications. Duke Energy Corporation hereby makes the commitment to submit the necessary change to the Oconee Technical Specifications. Following NRC approval of DPC-NE-2003, Revision 1, the necessary change to Oconee Technical Specification 5.6.5 will be submitted pursuant to 10CFR50.90.

As previously, Duke Energy Corporation requests NRC review and approval of DPC-NE-2003, Revision 1 by September 30, 2000. This approval date is needed because this document is applicable to design activities that support the Oconee 1 Cycle 20 reload. If there are any questions or if additional information is needed on this matter, please call J. S. Warren at (704) 382-4986.

Very truly yours,



M. S. Tuckman

Attachments

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xc w/Attachments A and B:

D. E. LaBarge, NRC Senior Project Manager (ONS)
U. S. Nuclear Regulatory Commission
Mail Stop O-8 H12
Washington, DC 20555-0001

xc w/Attachment B:

L. A. Reyes, Regional Administrator
U. S. Nuclear Regulatory Commission
Region II
Atlanta Federal Center
61 Forsyth St., SW, Suite 23T85
Atlanta, GA 30303

M. C. Shannon
NRC Resident Inspector (ONS)

AFFIDAVIT

1. I am Executive Vice President of Duke Energy Corporation; and as such have the responsibility for reviewing information sought to be withheld from public disclosure in connection with nuclear power plant licensing; and am authorized on the part of said Corporation (Duke) to apply for this withholding.
2. I am making this affidavit in conformance with the provisions of 10CFR 2.790 of the regulations of the Nuclear Regulatory Commission (NRC) and in conjunction with Duke's application for withholding, which accompanies this affidavit.
3. I have knowledge of the criteria used by Duke in designating information as proprietary or confidential.
4. Pursuant to the provisions of paragraph (b) (4) of 10CFR 2.790, the following is furnished for consideration by the NRC in determining whether the information sought to be withheld from public disclosure should be withheld.
 - (i) The information sought to be withheld from public disclosure is owned by Duke and has been held in confidence by Duke and its consultants.
 - (ii) The information is of a type that would customarily be held in confidence by Duke. The information consists of analysis methodology details, analysis results, supporting data, and aspects of development programs relative to a method of analysis that provides a competitive advantage to Duke.



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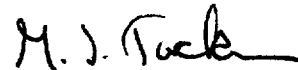
- (iii) The information was transmitted to the NRC in confidence and under the provisions of 10CFR 2.790, it is to be received in confidence by the NRC.
- (iv) The information sought to be protected is not available in public to the best of our knowledge and belief.
- (v) The proprietary information sought to be withheld in this submittal is that which is marked in the proprietary version of Topical Report DPC-NE-2003, Revision 1, *Core Thermal-Hydraulic Methodology Using VIPRE-01*. This information enables Duke to:
 - (a) Respond to NRC requests for additional information regarding transient response of Babcock & Wilcox PWRs.
 - (b) Simulate UFSAR Chapter 15 transients and accidents for Oconee Nuclear Station.
 - (c) Perform safety evaluations per 10CFR50.59.
 - (d) Support Facility Operating Licenses/Technical Specifications amendments for Oconee Nuclear Station.



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- (vi) The proprietary information sought to be withheld from public disclosure has substantial commercial value to Duke.
 - (a) It allows Duke to reduce vendor and consultant expenses associated with supporting the operation and licensing of nuclear power plants.
 - (b) Duke intends to sell the information to nuclear utilities, vendors, and consultants for the purpose of supporting the operation and licensing of nuclear power plants.
 - (c) The subject information could only be duplicated by competitors at similar expense to that incurred by Duke.
- 5. Public disclosure of this information is likely to cause harm to Duke because it would allow competitors in the nuclear industry to benefit from the results of a significant development program without requiring commensurate expense or allowing Duke to recoup a portion of its expenditures or benefit from the sale of the information.



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M. S. Tuckman, being duly sworn, states that he is the person who subscribed his name to the foregoing statement, and that all the matters and facts set forth within are true and correct to the best of his knowledge.

M. S. Tuckman

M. S. Tuckman, Executive Vice President

Subscribed and sworn to before me this 8TH day of
June, 2000

Mary P. Nehus

Notary Public

My Commission Expires:

Jan 22, 2001

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bxc:

w/Attachments A and B:

R. M. Gribble
C. L. Naugle
K. R. Epperson
R. R. St. Clair
J. S. Warren

w/o Attachments:

K. S. Canady
C. J. Thomas
L. E. Nicholson
J. E. Smith
ELL