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SUBJECT: Forwards proprietary suppl info re prediction of post-trip heat transfer, steam line break modeling & main feedwater modeling, per info provided in 930311 ltr re TR DPC-NE-3000, "Thermal-Hydraulic Transient Methodology." Encl withheld. S /

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DUKE POWER

October 5, 1993

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, D. C. 20555

Subject: Oconee Nuclear Station
Docket Nos. 50-269, -270, -287
Thermal-Hydraulic Transient Analysis Methodology,
DPC-NE-3000

By letter dated March 11, 1992, Duke Power Company responded to a request for additional information to assist the NRC staff and their contractors with the ongoing review of Topical Report DPC-NE-3000, "Thermal-Hydraulic Transient Methodology." Attached please find supplemental responses to those provided in the March 11, 1992 letter.

Please note that these responses contain proprietary information, and should be protected from public disclosure. An affidavit which supports the proprietary nature of the information is included with the attachment.

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

Very truly yours,

M. S. Tuckman

M. S. Tuckman

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U. S. Nuclear Regulatory Commission
October 5, 1993
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AFFIDAVIT OF M. S. TUCKMAN

1. I am Senior Vice President, Nuclear Generation Department, Duke Power Company ("Duke"), and as such have the responsibility of reviewing the proprietary information sought to be withheld from public disclosure in connection with nuclear plant licensing, and am authorized to apply for its withholding on behalf of Duke.
2. I am making this affidavit in conformance with the provisions of 10 CFR 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 10 CFR 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.
 - (iii) The information was transmitted to the NRC in confidence and under the provisions of 10 CFR 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 the report DPC-NE-3000, "Thermal-Hydraulic Transient Analysis Methodology" and supporting documentation, and omitted from the non-proprietary versions.



M. S. Tuckman

(continued)

AFFIDAVIT OF M. S. TUCKMAN (Page 2)

This information enables Duke to:

- (a) Respond to Generic Letter 83-11, "Licensee Qualification for Performing Safety Analyses in Support of Licensing Actions."
- (b) Respond to NRC requests for information regarding the transient response of Babcock & Wilcox and Westinghouse pressurized water reactors.
- (c) Support license amendment and Technical Specification revision requests for Babcock & Wilcox and Westinghouse PWRs.
- (d) Perform safety reviews per 10 CFR 50.59.
- (e) Enhance operation of and training programs related to nuclear power plants.
- (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 a commensurate expense or allowing Duke to recoup a portion of its expenditures or benefit from the sale of the information.


M. S. Tuckman

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AFFIDAVIT OF M. S. TUCKMAN (Page 3)

M. S. Tuckman, being duly sworn, on his oath deposes and says that he is the person who subscribed his name to the foregoing statement, and that the matters and facts set forth in the statement are true.

M. S. Tuckman
M. S. Tuckman

Sworn to and subscribed before me this 6TH day of October, 1993. Witness my hand and official seal.

Mary P. Helms
Notary Public

My commission expires JAN 26, 1996.