

James A. FitzPatrick
Nuclear Power Plant
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September 26, 1996
JAFF-96-0378

Michael J. Colomb
Plant Manager

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Mail Station P1-137
Washington, DC 20555

Subject: James A. FitzPatrick Nuclear Power Plant
Docket No. 50-333
ATWS Analysis for Recirculation Pump Trip Setpoint Changes High Pressure Trip Setpoint Evaluation

- References:
1. NYPA Letter, William J. Cahill, Jr. to the NRC, "Proposed Change to the Technical Specifications Regarding ATWS Recirculation Pump Trip Instrumentation Requirements (JPTS-96-009)," JPN-96-026, dated May 30, 1996
 2. GE letter, C. H. Stoll to Robert Penny (CHS-96-05), "FitzPatrick Nuclear Power Plant ATWS Analysis for Recirculation Pump Trip Setpoint Changes High Pressure Trip Setpoint Evaluation," dated May 23, 1996

Dear Sir:

During their review of the Technical Specification change proposed in Reference 1, the NRC staff requested that NYPA docket the Reference 2 report (which is Reference (2) of the Safety Evaluation included as Attachment II of Reference 1). Reference 2 evaluated the effect of raising the ATWS Recirculation Pump Trip Reactor Pressure - High setpoint on the plant response to an ATWS. Subsequent to the submission of Reference 1, General Electric Company completed an evaluation of the effect of lowering the ATWS Recirculation Pump Trip Reactor Water Level - Low Low setpoint on the ATWS response and revised the Reference 2 report to discuss this analysis as well. Proprietary and Non-Proprietary copies of the completed report discussing the changes in both trip setpoints are provided in Attachment I, along with an Affidavit signed by General Electric that addresses the considerations listed in 10 CFR 2.790.

If you have any questions, please contact Mr. R. Plasse at (315) 349-6793.

Very truly yours,

A handwritten signature in cursive script, appearing to read 'Michael J. Colomb'.

MICHAEL J. COLOMB

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cc: Regional Administrator
U. S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406

Office of the Resident Inspector
U. S. Nuclear Regulatory Commission
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Lycoming, NY 13093

Ms. K. Cotton, Acting Project Manager
Project Directorate I-1
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Mr. F. William Valentino, President
New York State Energy, Research,
and Development Authority
2 Rockefeller Plaza
Albany, NY 12223-1253

Attachment I

GE Proprietary & Non-Proprietary Information

NEDC-32616P/NEDC-32616

**Anticipated Transients without Scram (ATWS) Analysis
for
Recirculation Pump Trip (RPT) Setpoint changes**

General Electric Company

AFFIDAVIT

I, David J. Robare, being duly sworn, depose and state as follows:

- (1) I am Licensing Services Manager, Technical & Modifications Services, General Electric Company ("GE") and have been delegated the function of reviewing the information described in paragraph (2) which is sought to be withheld, and have been authorized to apply for its withholding.
- (2) The information sought to be withheld is contained in the GE proprietary report NEDC-32616P, DRF B34-00008, James A. Fitzpatrick Nuclear Power Plant Anticipated Transients Without Scram (ATWS) Analysis for Recirculation Pump Trip (RPT) Setpoint Changes, Class III (GE Company Proprietary Information), dated July 18, 1996. The proprietary information is delineated by bars marked in the margin adjacent to the specific material.
- (3) In making this application for withholding of proprietary information of which it is the owner, GE relies upon the exemption from disclosure set forth in the Freedom of Information Act ("FOIA"), 5 USC Sec. 552(b)(4), and the Trade Secrets Act, 18 USC Sec. 1905, and NRC regulations 10 CFR 9.17(a)(4), 2.790(a)(4), and 2.790(d)(1) for "trade secrets and commercial or financial information obtained from a person and privileged or confidential" (Exemption 4). The material for which exemption from disclosure is here sought is all "confidential commercial information", and some portions also qualify under the narrower definition of "trade secret", within the meanings assigned to those terms for purposes of FOIA Exemption 4 in, respectively, Critical Mass Energy Project v. Nuclear Regulatory Commission, 975F2d871 (DC Cir. 1992), and Public Citizen Health Research Group v. FDA, 704F2d1280 (DC Cir. 1983).
- (4) Some examples of categories of information which fit into the definition of proprietary information are:
 - a. Information that discloses a process, method, or apparatus, including supporting data and analyses, where prevention of its use by General Electric's competitors without license from General Electric constitutes a competitive economic advantage over other companies;
 - b. Information which, if used by a competitor, would reduce his expenditure of resources or improve his competitive position in the design, manufacture, shipment, installation, assurance of quality, or licensing of a similar product;

- c. Information which reveals cost or price information, production capacities, budget levels, or commercial strategies of General Electric, its customers, or its suppliers;
- d. Information which reveals aspects of past, present, or future General Electric customer-funded development plans and programs, of potential commercial value to General Electric;
- e. Information which discloses patentable subject matter for which it may be desirable to obtain patent protection.

The information sought to be withheld is considered to be proprietary for the reasons set forth in both paragraphs (4)a. and (4)b., above.

- (5) The information sought to be withheld is being submitted to NRC in confidence. The information is of a sort customarily held in confidence by GE, and is in fact so held. The information sought to be withheld has, to the best of my knowledge and belief, consistently been held in confidence by GE, no public disclosure has been made, and it is not available in public sources. All disclosures to third parties including any required transmittals to NRC, have been made, or must be made, pursuant to regulatory provisions or proprietary agreements which provide for maintenance of the information in confidence. Its initial designation as proprietary information, and the subsequent steps taken to prevent its unauthorized disclosure, are as set forth in paragraphs (6) and (7) following.
- (6) Initial approval of proprietary treatment of a document is made by the manager of the originating component, the person most likely to be acquainted with the value and sensitivity of the information in relation to industry knowledge. Access to such documents within GE is limited on a "need to know" basis.
- (7) The procedure for approval of external release of such a document typically requires review by the staff manager, project manager, principal scientist or other equivalent authority, by the manager of the cognizant marketing function (or his delegate), and by the Legal Operation, for technical content, competitive effect, and determination of the accuracy of the proprietary designation. Disclosures outside GE are limited to regulatory bodies, customers, and potential customers, and their agents, suppliers, and licensees, and others with a legitimate need for the information, and then only in accordance with appropriate regulatory provisions or proprietary agreements.
- (8) The information identified in paragraph (2), above, is classified as proprietary because it contains detailed results of analytical models, methods and processes, including computer codes, which GE has developed, obtained NRC approval of, and applied to perform evaluations of transients for the BWR.

The development and approval of the BWR transient analysis computer codes used in this analysis was achieved at a significant cost, on the order of several million dollars, to GE.

The development of the evaluation process along with the interpretation and application of the analytical results is derived from the extensive experience database that constitutes a major GE asset.

- (9) Public disclosure of the information sought to be withheld is likely to cause substantial harm to GE's competitive position and foreclose or reduce the availability of profit-making opportunities. The information is part of GE's comprehensive BWR safety and technology base, and its commercial value extends beyond the original development cost. The value of the technology base goes beyond the extensive physical database and analytical methodology and includes development of the expertise to determine and apply the appropriate evaluation process. In addition, the technology base includes the value derived from providing analyses done with NRC-approved methods.

The research, development, engineering, analytical and NRC review costs comprise a substantial investment of time and money by GE.

The precise value of the expertise to devise an evaluation process and apply the correct analytical methodology is difficult to quantify, but it clearly is substantial.

GE's competitive advantage will be lost if its competitors are able to use the results of the GE experience to normalize or verify their own process or if they are able to claim an equivalent understanding by demonstrating that they can arrive at the same or similar conclusions.

The value of this information to GE would be lost if the information were disclosed to the public. Making such information available to competitors without their having been required to undertake a similar expenditure of resources would unfairly provide competitors with a windfall, and deprive GE of the opportunity to exercise its competitive advantage to seek an adequate return on its large investment in developing these very valuable analytical tools.

STATE OF CALIFORNIA)
)
COUNTY OF SANTA CLARA) ss:

David J. Robare, being duly sworn, deposes and says:

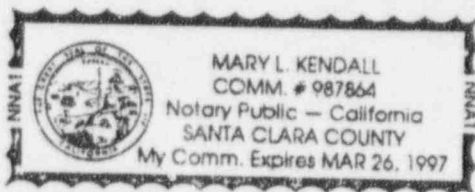
That he has read the foregoing affidavit and the matters stated therein are true and correct to the best of his knowledge, information, and belief.

Executed at San Jose, California, this 1ST day of AUGUST 1996.

David J. Robare

David J. Robare
General Electric Company

Subscribed and sworn before me this 1st day of August 1996.



Mary L. Kendall

Notary Public, State of California