



Westinghouse
Electric Corporation

Water Reactor
Divisions

Nuclear Technology Division
Box 355
Pittsburgh Pennsylvania 15230

NS-TMA-2257
June 16, 1980

James R. Miller, Chief
Special Projects Branch
Division of Project Management
Nuclear Regulatory Commission
Phillips Building
7920 Norfolk Avenue
Bethesda, MD 20014

Dear Mr. Miller:

Enclosed are:

1. Forty (40) copies of the proprietary report WCAP-8687 Supplement 2 - E10A entitled "Equipment Qualification Test Report Nuclear Instrumentation System (Normal and Abnormal Temperature and Humidity Testing)".
2. Twenty (20) copies of the non-proprietary version WCAP-8587 Supplement 2 - E10A entitled, "Equipment Qualification Test Report Nuclear Instrumentation System (Normal and Abnormal Temperature and Humidity Testing)".
3. Fifty (50) copies of Revision 2 to the Equipment Qualification Data Package (EQDP) ESE-10 which is part of Supplement 1 to WCAP-8587 (Non-Proprietary).

Also enclosed are:

1. One (1) copy of Application for Withholding AW-80-27 (Non-Proprietary).
2. One (1) copy of Affidavit (Non-Proprietary).

The enclosed information is being submitted in connection with the commitments made by Westinghouse in WCAP-8587, "Methodology for Qualifying Westinghouse WRD Supplied Safety Related Electrical Equipment." The generic qualification program described in WCAP-8587 is in accordance with Regulatory Guide 1.89 (IEEE 323-1974) and 1.100 (IEEE 344-1975). It is referenced by a number of plants in Section 3.11 of the FSAR. The lead plant of this group is Comanche Peak.

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Revision 2 to Equipment Qualification Data Package (EQDP) ESE-10 includes a summary of all qualification tests performed on the Power Range Channel of the Nuclear Instrumentation System Console and represents the final version of this document. As such, it supercedes Revision 1 to EQDP-ESE-10 submitted to you under NS-TMA-1987 dated November 15, 1978 as part of Revision 1 to Supplement 1 of WCAP-8587.

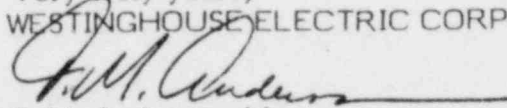
It is our intention to develop a supplement to WCAP-8587 which will contain all of the completed Equipment Qualification Test Reports. WCAP-8587, Supplement 2 will contain the completed non-proprietary versions of these test reports. A new document, WCAP-8687, Supplement 2 is being produced to contain the completed proprietary versions of these test reports. Loose-leaf binders will be provided for both versions of the new supplement and will be forwarded to you in the near future.

In the interim the enclosure contains copies of the completed proprietary and non-proprietary test reports describing the normal and abnormal temperature and humidity tests performed on the Power Range Channel of the Nuclear Instrumentation System Console. These tests complete the total qualification program for this equipment in accordance with the commitments made in WCAP-8587.

This submittal contains proprietary information of Westinghouse Electric Corporation. In conformance with the requirements of 10CFR Section 2.790, as amended, of the Commission's regulations, we are enclosing with this submittal an application for withholding from public disclosure and an affidavit. The affidavit sets forth the basis on which the information may be withheld from public disclosure by the Commission.

Correspondence with respect to the affidavit or application for withholding should reference AW-80-27 and should be addressed to R. A. Wiesemann, Manager of Regulatory and Legislative Affairs, Westinghouse Electric Corporation, P.O. Box 355, Pittsburgh, PA 15230.

Very truly yours,
WESTINGHOUSE ELECTRIC CORPORATION



T. M. Anderson, Manager
Nuclear Safety Department

C. E. Faust/WPC

Enclosure(s)



Westinghouse
Electric Corporation

Water Reactor
Divisions

Nuclear Technology Division

Box 355
Pittsburgh Pennsylvania 15230

June 16, 1980

AW-80-27

Mr. James R. Miller, Chief
Special Projects Branch
Division of Project Management
Nuclear Regulatory Commission
Phillips Building
7920 Norfolk Avenue
Bethesda, Maryland 20014

APPLICATION FOR WITHHOLDING PROPRIETARY
INFORMATION FROM PUBLIC DISCLOSURE

SUBJECT: Westinghouse Equipment Qualification Program

REF: Westinghouse Letter No. NS-TMA-2257, Anderson to Miller, dated
June 16, 1980

Dear Mr. Miller:

This application for withholding is submitted by Westinghouse Electric Corporation ("Westinghouse") pursuant to the provisions of paragraph (b)(1) of Section 2.790 of the Commission's regulations. Withholding from public disclosure is requested with respect to the subject information which is further identified in the affidavit accompanying this application (AW-80-27).

The undersigned has reviewed the information thought to be withheld and is authorized to apply for its withholding on behalf of Westinghouse, WRD, notification of which was sent to the Secretary of the Commission on April 19, 1976.

The affidavit accompanying this application sets forth the basis on which the information may be withheld from public disclosure by the Commission and addresses with specificity the considerations listed in paragraph (b)(4) of Section 2.790 of the Commission's regulations.

Mr. James R. Miller

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June 16, 1980
AW-80-27

Accordingly, it is respectfully requested that the subject information which is proprietary to Westinghouse and which is further identified in the affidavit be withheld from public disclosure in accordance with 10CFR Section 2.790 of the Commission's regulations.

Correspondence with respect to this application for withholding or the accompanying affidavit should reference AW-80-27 and be addressed to the undersigned.

Very truly yours,



Robert A. Wiesemann, Manager
Regulatory & Legislative Affairs

/bek
Attachment

cc: E. C. Shomaker, Esq.
Office of the Executive Legal Director, NRC

AFFIDAVIT

COMMONWEALTH OF PENNSYLVANIA:

SS

COUNTY OF ALLEGHENY:

Before me, the undersigned authority, personally appeared Robert A. Wiesemann, who, being by me duly sworn according to law, deposes and says that he is authorized to execute this Affidavit on behalf of Westinghouse Electric Corporation ("Westinghouse") and that the averments of fact set forth in this Affidavit are true and correct to the best of his knowledge, information, and belief:

Robert A. Wiesemann

Robert A. Wiesemann, Manager
Regulatory and Legislative Affairs

Sworn to and subscribed
before me this 18 day
of June 1980.

Rebecca L. Heyman
Notary Public

Rebecca L. Heyman, Notary Public
Monroeville Borough, Allegheny County
My Commission Expires Apr. 15, 1982
Member, Real Estate Association of Notary

- (1) I am Manager, Regulatory and Legislative Affairs, in the Nuclear Technology Division, of Westinghouse Electric Corporation and as such, I have been specifically delegated the function of reviewing the proprietary information sought to be withheld from public disclosure in connection with nuclear power plant licensing or rule-making proceedings, and am authorized to apply for its withholding on behalf of the Westinghouse Water Reactor Divisions.
- (2) I am making this Affidavit in conformance with the provisions of 10CFR Section 2.790 of the Commission's regulations and in conjunction with the Westinghouse application for withholding accompanying this Affidavit.
- (3) I have personal knowledge of the criteria and procedures utilized by Westinghouse Nuclear Energy Systems in designating information as a trade secret, privileged or as confidential commercial or financial information.
- (4) Pursuant to the provisions of paragraph (b)(4) of Section 2.790 of the Commission's regulations, the following is furnished for consideration by the Commission 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 and has been held in confidence by Westinghouse.

- (ii) The information is of a type customarily held in confidence by Westinghouse and not customarily disclosed to the public. Westinghouse has a rational basis for determining the types of information customarily held in confidence by it and, in that connection, utilizes a system to determine when and whether to hold certain types of information in confidence. The application of that system and the substance of that system constitutes Westinghouse policy and provides the rational basis required.

Under that system, information is held in confidence if it falls in one or more of several types, the release of which might result in the loss of an existing or potential competitive advantage, as follows:

- (a) The information reveals the distinguishing aspects of a process (or component, structure, tool, method, etc.) where prevention of its use by any of Westinghouse's competitors without license from Westinghouse constitutes a competitive economic advantage over other companies.
- (b) It consists of supporting data, including test data, relative to a process (or component, structure, tool, method, etc.), the application of which data secures a competitive economic advantage, e.g., by optimization or improved marketability.

- (c) Its use 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 a similar product.
- (d) It reveals cost or price information, production capacities, budget levels, or commercial strategies of Westinghouse, its customers or suppliers.
- (e) It reveals aspects of past, present, or future Westinghouse or customer funded development plans and programs of potential commercial value to Westinghouse.
- (f) It contains patentable ideas, for which patent protection may be desirable.
- (g) It is not the property of Westinghouse, but must be treated as proprietary by Westinghouse according to agreements with the owner.

There are sound policy reasons behind the Westinghouse system which include the following:

- (a) The use of such information by Westinghouse gives Westinghouse a competitive advantage over its competitors. It is, therefore, withheld from disclosure to protect the Westinghouse competitive position.

- (b) It is information which is marketable in many ways. The extent to which such information is available to competitors diminishes the Westinghouse ability to sell products and services involving the use of the information.
- (c) Use by our competitor would put Westinghouse at a competitive disadvantage by reducing his expenditure of resources at our expense.
- (d) Each component of proprietary information pertinent to a particular competitive advantage is potentially as valuable as the total competitive advantage. If competitors acquire components of proprietary information, any one component may be the key to the entire puzzle, thereby depriving Westinghouse of a competitive advantage.
- (e) Unrestricted disclosure would jeopardize the position of prominence of Westinghouse in the world market, and thereby give a market advantage to the competition in those countries.
- (f) The Westinghouse capacity to invest corporate assets in research and development depends upon the success in obtaining and maintaining a competitive advantage.

- (iii) The information is being transmitted to the Commission in confidence and, under the provisions of 10CFR Section 2.790, it is to be received in confidence by the Commission.
- (iv) The information sought to be protected is not available in public sources to the best of our knowledge and belief.
- (v) The proprietary information sought to be withheld in this submittal is that which is appropriately marked in the attachment to Westinghouse Letter No. NS-TMA-2257, Anderson to Miller, dated June 16, 1980 concerning the Westinghouse Equipment Qualification Program to address Regulatory Guides 1.89 and 1.100. The letter and attachment are being submitted to complete the information provided in WCAP-8587, Supplement 1, which was requested by the NRC via PBS Standard Question No. 4, "Environmental Qualification of Class 1E Equipment."

This information enables Westinghouse to:

- (a) Develop test inputs and procedures to satisfactorily verify the design of Westinghouse supplied equipment.
- (b) Assist its customers to obtain licenses.

Further, the information has substantial commercial value as follows:

- (a) Westinghouse can sell the use of this information to customers.

- (b) Westinghouse uses the information to verify the design of equipment which is sold to customers.
- (c) Westinghouse can sell testing services based upon the experience gained and the test equipment and methods developed.

Public disclosure of this information is likely to cause substantial harm to the competitive position of Westinghouse because it would enhance the ability of competitors to design, manufacture, verify, and sell electrical equipment for commercial power reactors without commensurate expenses. Also, public disclosure of the information would enable others having the same or similar equipment to use the information to meet NRC requirements for licensing documentation without purchasing the right to use the information.

The development of the equipment described in part by the information is the result of many years of development by Westinghouse and the expenditure of a considerable sum of money.

This could only be duplicated by a competitor if he were to invest similar sums of money and provided he had the appropriate talent available and could somehow obtain the requisite experience.

Further the deponent sayeth not.