

Westinghouse  
Electric Corporation

Water Reactor  
Divisions

Nuclear Technology Division  
Box 355  
Pittsburgh, Pennsylvania 15233

June 28, 1982  
CAW-82-36

Mr. Harold R. Denton, Director  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

SUBJECT: Supplemental Information to the Point Beach Steam Generator Sleeve  
Report for Wisconsin Electric Power Company by Westinghouse

REF: Wisconsin Electric Power Company letter, Fay to Denton, June 1982

Dear Mr. Denton:

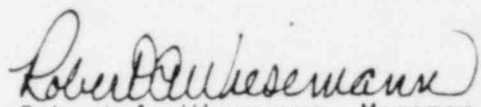
The proprietary material for which withholding is being requested by Wisconsin Electric Power Company is of the same technical type as that proprietary material submitted with an application for withholding accompanied by an initial Westinghouse affidavit on steam generator repair technology, AW-80-53, dated September 5, 1980. Supplemental documents in support of the Westinghouse proprietary submittals, and already in possession of the Commission, are:

- 1) Affidavit of R. A. Wieseemann and Supplement thereto via Westinghouse letter, Davis to Bloch, dated November 13, 1981,
- 2) Testimony of R. A. Wieseemann and T. A. Christopher via Westinghouse letter, Davis to Bloch, dated February 25, 1982, and
- 3) Supplementary Testimony of Robert A. Wieseemann on Behalf of Applicant, Davis to Bloch, March 25, 1982.

A copy of Affidavit AW-80-53 is attached as submitted initially for proprietary protection of the material. Affidavit AW-80-53 and the above supplemental documents are equally applicable to this letter of authorization for the use of the attached information in support of the Wisconsin Electric Power Company Point Beach Units 1 and 2.

Correspondence with respect to the proprietary aspects of the application for withholding or the Westinghouse affidavit should reference CAW-82-36 and should be addressed to the undersigned.

Very truly yours,

  
Robert A. Wieseemann, Manager  
Regulatory & Legislative Affairs

/bek  
Attachment

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

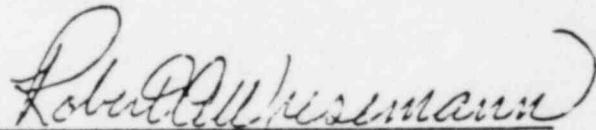
AFFIDAVIT

COMMONWEALTH OF PENNSYLVANIA:

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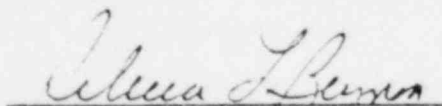
COUNTY OF ALLEGHENY:

Before me, the undersigned authority, personally appeared Robert A. Wieseemann, 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. Wieseemann, Manager  
Regulatory and Legislative Affairs

Sworn to and subscribed  
before me this 5 day  
of September 1980.

  
Notary Public

8202045187

- (1) I am Manager of 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 SE-SP-40(80) "Southern California Edison Repair Report" (Proprietary). This report has been prepared for and is being submitted to the Staff at the request of Southern California Edison. The report details the design of the sleeves that are to be installed in the San Onofre Unit 1 steam generators. The report also includes the design analysis, the test verification program and descriptions of the expanded mechanical plug, the rolled plug and the channel head decontamination process.

This information is part of that which will enable Westinghouse to:

- (a) Apply for patent protection.

- (b) Optimize steam generator repair techniques to extend the service life of steam generators.
- (c) Assist its customers to obtain NRC approval.
- (d) Justify the design basis for the steam generator repairs and installation methods.

Further, this information has substantial commercial value as follows:

- (a) Westinghouse plans to sell the repair techniques and equipment described in part by the information.
- (b) Westinghouse can sell repair services based upon the experience gained and the installation equipment and methods developed.

Public disclosure of this information is likely to cause substantial harm to the competitive position of Westinghouse because (1) it would result in the loss of valuable patent rights, and (2) it would enhance the ability of competitors to design, manufacture, verify and sell steam generator repair techniques for commercial power reactors without commensurate expenses.

The development of the methods and equipment described in part by the information is the result of applying the results of many years of experience in an intensive Westinghouse effort and the expenditure of a considerable sum of money.

In order for competitors of Westinghouse to duplicate this information, similar engineering programs would have to be performed and a significant manpower effort, having the requisite talent and experience, would have to be expended for steam generator repair techniques.

Further the deponent sayeth not.







TABLE 6.2-5

ABNORMAL CONDITIONS CONSIDERED

a, c, e, f

TABLE 6.2.7-1(a)

PRIMARY STRESS RESULTS (DUAL JOINT - BRAZE ONLY)

Condition	$P_m$		$P_L + P_B$	
	Maximum (ksi)	Allowable (ksi)	Maximum (ksi)	Allowable (ksi)

a,c,e

TABLE 6.2.7-1(b)

PRIMARY STRESS RESULTS (HEJ JOINT)

Condition	$P_m$		$P_L + P_B$	
	Maximum (ksi)	Allowable (ksi)	Maximum (ksi)	Allowable (ksi)

a,c,e