



Westinghouse Electric Company  
Nuclear Services  
P.O. Box 355  
Pittsburgh, Pennsylvania 15230-0355  
USA

U.S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, DC 20555-0001

Attention:  
Chief, Information Management Branch  
Division of Program Management  
Policy Development and Analysis Staff

Direct tel: (412) 374-5282  
Direct fax: (412) 374-4011  
e-mail: Sepplha@westinghouse.com

Project No 700  
Your ref: Ltr, S.Dembek to D.Popp, 2/24/03  
Our ref: LTR-NRC-03-21

May 23, 2003

**Subject: Transmittal of CENPD-396-P/NP-A Rev. 02, "Common Qualified Platform" (WCAP-16097-P/NP-A Rev 00), dated May 2003**

This letter transmits four (4) proprietary copies and two (2) non-proprietary copies of the approved version of CENPD-396-P/NP-A (WCAP-16097-P/NP-A), "Common Qualified Platform" and associated Appendices. Also provided are four (4) non-proprietary copies of CE-CES-195-NP-A (WCAP-16096-NP-A), "Software Program Manual for Common Q Systems." In total, this transmittal includes:

1. CENPD-396-P/NP-A Rev. 02 (WCAP-16097-P/NP-A, Rev 00), "Common Qualified Platform," dated May 2003.
2. CENPD-396-P/NP-A, Appendix 1, Rev. 02, (WCAP-16097-P/NP-A, Appendix 1, Rev 00), "Common Qualified Platform Post Accident Monitoring Systems," dated May 2003.
3. CENPD-396-P/NP-A, Appendix 2, Rev. 02, (WCAP-16097-P/NP-A, Appendix 2, Rev 00), "Common Qualified Platform Core Protection Calculator System," dated May 2003.
4. CENPD-396-P/NP-A, Appendix 3, Rev. 02, (WCAP-16097-P/NP-A, Appendix 3, Rev 00), "Common Qualified Platform Digital Plant Protection System," dated May 2003.
5. CENPD-396-P/NP-A, Appendix 4, Rev. 03, (WCAP-16097-P/NP-A, Appendix 4, Rev 00), "Common Qualified Platform Integrated Solution," dated May 2003.
6. CE-CES-195-NP-A, Rev 02, (WCAP-16096-NP-A, Rev 00), "Software Program Manual for Common Q Systems," dated May 2003.

Certain of these transmitted documents contain Westinghouse proprietary information consisting of trade secrets, commercial information, and product development strategies that we consider privileged or confidential pursuant to 10 CFR 2.790. Therefore, it is requested that the Westinghouse proprietary information transmitted herewith be handled on a confidential basis and be withheld from public disclosures. The proprietary material in the referenced submittals is for your internal use only and may be used for the purpose for which it is submitted. It should not be otherwise used, disclosed, duplicated, or disseminated, in whole or in part, to any other person or organization outside the Commission, the Office of Nuclear Reactor Regulation, the Office of Nuclear Regulatory Research, and the necessary

D054

Page 2  
Our ref: LTR-NRC-03-21  
May 23, 2003

subcontractors that have signed a proprietary non-disclosure agreement with Westinghouse without the express written approval of Westinghouse.

Pursuant to NRC regulations promulgated in 10 CFR 2.790, Westinghouse, the owner of the proprietary information, provides the accompanying Application for Withholding AW-03-1643 and Affidavit in support of this request for withholding of proprietary information. Also provided are a Proprietary Information Notice and Copyright Notice.

Correspondence with respect to the proprietary aspects of the Application for Withholding or the Westinghouse Affidavit should reference AW-03-1643 and should be addressed to H. A. Sepp, Manager of Regulatory Compliance and Plant Licensing, Westinghouse Electric Company, P.O. Box 355, Pittsburgh, Pennsylvania 15230-0355.

Very truly yours,

A handwritten signature in black ink, appearing to read 'H. A. Sepp', is positioned above the typed name.

H. A. Sepp, Manager  
Regulatory Compliance and Plant Licensing

Enclosures:

cc: B. J. Benney (NRC)

Page 3  
Our ref: LTR-NRC-03-21  
May 23, 2003

bcc w/o enclosure:

C. B. Brinkman (Rockville, MD)  
H. A. Sepp (Monroeville, ECE 4-7A)  
K. J. Vavrek (Monroeville)  
D. M. Popp (Monroeville, Rt. 286)  
M. J. Stofko (Monroeville, Rt. 286)  
G. C. Bischoff (Windsor)  
P. J. Hijeck (Windsor)  
M. P. Ryan (Windsor)  
RCPL Admin Aide (Monroeville, ECE 4-7A)



Westinghouse Electric Company  
Nuclear Services  
P.O. Box 500  
Windsor, Connecticut 06095-0500  
USA

U.S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, DC 20555-0001

Direct tel: 860-731-6289  
Direct fax: 860-731-6238  
e-mail: [ian.c.rickard@us.westinghouse.com](mailto:ian.c.rickard@us.westinghouse.com)

Our ref: AW-03-1643

May 23, 2003

**APPLICATION FOR WITHHOLDING PROPRIETARY  
INFORMATION FROM PUBLIC DISCLOSURE**

Reference: Letter H. Sepp to NRC Document Control Desk, LTR-NRC-03-21, dated May 23, 2003

Subject: CENPD-396-P-A (WCAP-16097-P-A), "Common Qualified Platform" (Proprietary)

The subject report transmitted by the reference letter contains information proprietary to the Westinghouse Electric Company.

The material will not be employed as a part of a license application or other action identified in 10 CFR 2.790(a) at this time. It will be separately submitted with an Application for Withholding accompanied by an affidavit meeting the requirements of 10 CFR 2.790(b) prior to such use.

Accordingly, we request that the material be treated as proprietary information within the provisions of 10 CFR 9.17a(4), "Freedom of Information Act Regulations." If there is a need to make public disclosure of the material prior to a separate Westinghouse submittal for docket in accordance with the provisions of 10 CFR 2.790(a), please notify Westinghouse prior to making a disclosure determination.

Correspondence with respect to the proprietary aspects of this submittal should reference AW-03-1643 and should be addressed to the undersigned.

Very truly yours,

A handwritten signature in black ink, appearing to read "Ian C. Rickard", written over a horizontal line.

Ian C. Rickard, Project Manager  
Regulatory Compliance and Plant Licensing

Enclosures

cc: B. J. Benney/NRR

bcc: H. A. Sepp (ECE 4-7A)  
C. B. Brinkman, (Rockville, MD)  
RCPL Administrative Aide (ECE 4-7A)

AFFIDAVIT

STATE OF CONNECTICUT )

) ss: WINDSOR, CT

COUNTY OF HARTFORD )

Before me, the undersigned authority, personally appeared Ian C. Rickard, 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 Company LLC ("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:



A handwritten signature in black ink, which appears to read "Ian C. Rickard", is written over a horizontal line.

Ian C. Rickard,  
Licensing Project Manager  
Regulatory Compliance and Plant Licensing

Sworn to and subscribed before me  
this 21<sup>st</sup> day of May, 2003.

A handwritten signature in black ink, which appears to read "Linda A. Scobio", is written over a horizontal line.  
Notary Public

My commission expires: May 31, 2008

- (1) I am the Licensing Project Manager, Regulatory Compliance and Plant Licensing, in Nuclear Services, Westinghouse Electric Company LLC ("Westinghouse"), 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 and rule making proceedings, and am authorized to apply for its withholding on behalf of the Westinghouse Electric Company LLC.
- (2) I am making this Affidavit in conformance with the provisions of 10 CFR 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 the Westinghouse Electric Company LLC 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, and 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.

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 that 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 of 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 10 CFR 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 or available information has not been previously employed in the same original manner or method 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 CENPD-396-P-A (WCAP-16097-P-A), "Common Qualified Platform" and associated Appendices 1- 4 (Proprietary Class 2), dated May 2003. This report is being transmitted by Westinghouse Electric Company LLC letter and Application for Withholding Proprietary Information from Public Disclosure to the Document Control Desk.

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

- (a) Describe and apply qualified digital computer based hardware and software for utilization in protective and control processes at nuclear power plants.
- (b) Develop, verify and qualify hardware, software, and analytical models.
- (c) Use computer codes to provide protective and control functions.

Further this information has substantial commercial value as follows:

- (a) Westinghouse plans to sell the use of similar information to its customers for purposes of meeting NRC requirements for licensing documentation.
- (b) Westinghouse can sell support and defense of the Common Qualified Platform.
- (c) The information requested to be withheld reveals the distinguishing aspects of a methodology that was developed by Westinghouse.

Public disclosure of this proprietary information is likely to cause substantial harm to the competitive position of Westinghouse because it would enhance the ability of competitors to provide similar advanced nuclear power plant designs and to provide licensing defense services for commercial power reactors without commensurate expenses. Also, public disclosure of the information would enable others to use the information to meet NRC requirements for licensing documentation without purchasing the right to use the information.

The development of the technology 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 technical programs would have to be performed and a significant manpower effort, having the requisite talent and experience, would have to be expended.

Further the deponent sayeth not.

### **PROPRIETARY INFORMATION NOTICE**

Transmitted herewith are proprietary and/or non-proprietary versions of documents furnished to the NRC in connection with requests for generic and/or plant-specific review and approval.

In order to conform to the requirements of 10 CFR 2.790 of the Commission's regulations concerning the protection of proprietary information so submitted to the NRC, the information which is proprietary in the proprietary versions is contained within brackets, and where the proprietary information has been deleted in the non-proprietary versions, only the brackets remain (the information that was contained within the brackets in the proprietary versions having been deleted). The justification for claiming the information so designated as proprietary is indicated in both versions by means of lower case letters (a) through (f) located as a superscript immediately following the brackets enclosing each item of information being identified as proprietary or in the margin opposite such information. These lower case letters refer to the types of information Westinghouse customarily holds in confidence as identified in Sections (4)(ii)(a) through (4)(ii)(f) of the affidavit accompanying this transmittal.

---

### **COPYRIGHT NOTICE**

The reports transmitted herewith each bear a Westinghouse copyright notice. The NRC is permitted to make the number of copies of the information contained in these reports which are necessary for its internal use in connection with generic and plant-specific reviews and approvals as well as the issuance, denial, amendment, transfer, renewal, modification, suspension, revocation, or violation of a license, permit, order, or regulation subject to the requirements of 10 CFR 2.790 regarding restrictions on public disclosure to the extent such information has been identified as proprietary by Westinghouse, copyright protection notwithstanding. With respect to the non-proprietary versions of these reports, the NRC is permitted to make the number of copies beyond those necessary for its internal use which are necessary in order to have one copy available for public viewing in the appropriate docket files in the public document room in Washington, DC and in local public document rooms as may be required by NRC regulations if the number of copies submitted is insufficient for this purpose. Copies made by the NRC must include the copyright notice in all instances and the proprietary notice if the original was identified as proprietary.