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Engineering, Equipment and Major Projects  
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USA

U.S. Nuclear Regulatory Commission  
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LTR-NRC-14-39

July 1, 2014

Subject: Submittal of Update of the Advanced Logic System: Phase I includes the following Proprietary documents:

1. 6003-00301-P, Rev. 0, "Advanced Logic System Topical Report Addendum"
2. 6003-00000-P, Rev. 1, "Advanced Logic System (ALS) II Project Management Plan"
3. 6003-00001-P, Rev. 0, "ALS II Quality Assurance Plan"
4. 6002-00002-P, Rev. 10, "ALS Configuration Management Plan"
5. 6003-00003-P, Rev. 0, "Independent Verification and Validation ALS II VV Plan"
6. 6003-00004, Rev. 0, "ALS II Equipment Qualification Plan"
7. 6003-00005, Rev. 1, "Advanced Logic System (ALS) II Test Plan"
8. 6002-00006, Rev. 3, "ALS Security Plan"
9. 6003-00010, Rev. 0, "ALS II Platform Requirements Specification"
10. 6003-00011, Rev. 0, "ALS II Platform Specification"
11. 6002-00030, Rev. 12, "Advanced Logic System Design Tools"
12. 6002-00031, Rev. 4, "ALS Diversity Analysis"

Also enclosed is:

1. One (1) copy of the Application for Withholding Proprietary Information from Public Disclosure, AW-14-3985 (Non-Proprietary), with Proprietary Information Notice and Copyright Notice.
2. One (1) copy of Affidavit (Non-Proprietary).

This submittal contains proprietary information of Westinghouse Electric Company LLC. In conformance with the requirements of 10 CFR Section 2.390, as amended, of the Commission's regulations, we are enclosing with this submittal an Application for Withholding Proprietary Information from Public Disclosure and an Affidavit. The Affidavit sets forth the basis on which the information identified as proprietary may be withheld from public disclosure by the Commission.

Westinghouse will submit non-proprietary versions of documents numbered 1 through 5 within two weeks of this submittal.

Documents numbered 6 through 12 were prepared and classified as Westinghouse Proprietary Class 2. Westinghouse requests that the documents 6-12 be considered proprietary in their entirety. As such, non-proprietary versions will not be issued.

1007  
NRR

Correspondence with respect to the proprietary aspects of the application for withholding or the Westinghouse Affidavit should reference AW-14-3985, and should be addressed to James A. Gresham, Manager, Regulatory Compliance, Westinghouse Electric Company, 1000 Westinghouse Drive, Building 3 Suite 310, Cranberry Township, Pennsylvania 16066.

Very truly yours,

*X. J. Moody / FOR*

James A. Gresham, Manager  
Regulatory Compliance

Enclosures

bcc: James A. Gresham  
Cheryl Robinson  
Anne M. Stegman  
Stephanie Seager  
Erik Matussek



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AW-14-3985

July 1, 2014

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

**Subject:** Submittal of the following Proprietary documents:

1. 6003-00301-P, Rev. 0, "Advanced Logic System Topical Report Addendum"
2. 6003-00000-P, Rev. 1, "Advanced Logic System (ALS) II Project Management Plan"
3. 6003-00001-P, Rev. 0, "ALS II Quality Assurance Plan"
4. 6002-00002-P, Rev. 10, "ALS Configuration Management Plan"
5. 6003-00003-P, Rev. 0, "Independent Verification and Validation ALS II VV Plan"
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11. 6002-00030, Rev. 12, "Advanced Logic System Design Tools"
12. 6002-00031, Rev. 4, "ALS Diversity Analysis"

**Reference:** Letter from J. A. Gresham to Document Control Desk, LTR-NRC-14-39, dated July 1, 2014

The Application for Withholding Proprietary Information from Public Disclosure is submitted by Westinghouse Electric Company LLC (Westinghouse), pursuant to the provisions of paragraph (b)(1) of Section 2.390 of the Commission's regulations. It contains commercial strategic information proprietary to Westinghouse and customarily held in confidence.

The proprietary information for which withholding is being requested is identified in the proprietary versions of documents numbered 1 through 5. Documents numbered 6 through 12 were prepared and classified as Westinghouse Proprietary Class 2. Westinghouse requests that the documents 6-12 be considered proprietary in their entirety. In conformance with 10 CFR Section 2.390, Affidavit AW-14-3985 accompanies this Application for Withholding Proprietary Information from Public Disclosure, setting forth the basis on which the identified proprietary information may be withheld from public disclosure.

Accordingly, it is respectfully requested that the subject information which is proprietary to Westinghouse be withheld from public disclosure in accordance with 10 CFR Section 2.390 of the Commission's regulations.

Correspondence with respect to the proprietary aspects of the application for withholding or the accompanying Affidavit should reference AW-14-3985, and should be addressed to James A. Gresham, Manager, Regulatory Compliance, Westinghouse Electric Company, 1000 Westinghouse Drive, Building 3 Suite 310, Cranberry Township, Pennsylvania 16066.

Very truly yours,

*William J. Gresham / FOL*

James A. Gresham, Manager

Regulatory Compliance

Enclosures

AFFIDAVIT

COMMONWEALTH OF PENNSYLVANIA:

SS

COUNTY OF BUTLER:

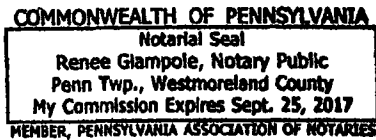
Before me, the undersigned authority, personally appeared Bradley F. Maurer, who, being by me duly sworn according to law, deposes and says that he is authorized to execute this Affidavit on behalf of Westinghouse Electric Company LLC (Westinghouse), and that the averments of fact set forth in this Affidavit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

*BF Maurer*

Bradley F. Maurer, Principal Engineer  
Plant Licensing

Sworn to and subscribed before me  
this 1<sup>st</sup> day of July 2014

*Renee Giampole*  
Notary Public



- (1) I am Principal Engineer, Plant Licensing, 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 Westinghouse.
- (2) I am making this Affidavit in conformance with the provisions of 10 CFR Section 2.390 of the Commission's regulations and in conjunction with the Westinghouse Application for Withholding Proprietary Information from Public Disclosure accompanying this Affidavit.
- (3) I have personal knowledge of the criteria and procedures utilized by Westinghouse 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 2.390 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 constitute Westinghouse policy and provide 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.
- (iii) 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.
- (iv) The information is being transmitted to the Commission in confidence and, under the provisions of 10 CFR Section 2.390, it is to be received in confidence by the Commission.
- (v) 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.
- (vi) The proprietary information sought to be withheld in this submittal is that which is contained in:
1. 6003-00301-P, Rev. 0, "Advanced Logic System Topical Report Addendum"
  2. 6003-00000-P, Rev. 1, "Advanced Logic System (ALS) II Project Management Plan"
  3. 6003-00001-P, Rev. 0, "ALS II Quality Assurance Plan"
  4. 6002-00002-P, Rev. 10, "ALS Configuration Management Plan"
  5. 6003-00003-P, Rev. 0, "Independent Verification and Validation ALS II VV Plan"
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  11. 6002-00030, Rev. 12, "Advanced Logic System Design Tools"
  12. 6002-00031, Rev. 4, "ALS Diversity Analysis"

being submitted to the Commission, via Westinghouse's transmittal letter LTR-NRC-14-39, and Application for Withholding Proprietary Information from Public Disclosure, to the Document Control Desk. The proprietary information as submitted by Westinghouse is that associated with the Advanced Logic System (ALS) platform and may be used only for that purpose.

- (a) This information is part of that which will enable Westinghouse to:
- (i) Develop and update the existing ALS platform to the ALS II design to provide better alignment with operating plant market needs as well as enable potential future applications in an AP1000<sup>®1</sup> PWR protection and safety monitoring system (PMS).
  - (ii) Seek acceptance by the NRC of the revised ALS platform, including an addendum to the topical report 6002-00301-P-A, Rev. 4, previously submitted for NRC safety evaluation review in February 2013.
- (b) Further this information has substantial commercial value as follows:
- (i) Westinghouse plans to sell the use of this information as part of a campaign to market and deliver the ALS II platform and related documentation and services to its customers.
  - (ii) Westinghouse can sell support and defense of the use of the ALS II platform capabilities that will be incorporated into an approved addendum to the aforementioned ALS approved topical report.
  - (iii) The information requested to be withheld reveals the distinguishing aspects of a methodology which was developed by Westinghouse.

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<sup>1</sup> AP1000 is a trademark or registered trademark of Westinghouse Electric Company LLC, its affiliates and/or its subsidiaries in the United States of America and may be registered in other countries throughout the world. All rights reserved. Unauthorized use is strictly prohibited. Other names may be trademarks of their respective owners.

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 Logic System capabilities and documentation and 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 versions of documents furnished to the NRC in connection with requests for generic and/or plant-specific review and approval associated with the Advanced Logic System (ALS) platform.

In order to conform to the requirements of 10 CFR 2.390 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 identified in Sections (4)(ii)(a) through (4)(ii)(f) of the Affidavit accompanying this transmittal pursuant to 10 CFR 2.390(b)(1).

## **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 2.390 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.



GICP Operations &gt; Shipping Request: Paper work

Request ID #	6099
Purchase Order #	N/A
Production Order #	N/A
MWO #	N/A
Pick List Reference #	N/A
Shipping Charge Number	1119343 MS30
Origin of Shipment	Keystone Summit
Origin Contact	Ciccione, Cheryl A.
Description of Shipment	Paper work
Final Destination	U.S. Nuclear Regulatory Commission Document Control Desk 11555 Rockville Pike Rockville, MD 20852
Method of Shipment	Truck
Domestic/International	Domestic
Destination Contact	Document Control Desk
Consignee Contact	
Project Manager Information	Stanley, Jerry M.
Equipment available to ship?	Yes
If yes- Ship Date and Time	7/2/2014
Requested Arrival Date and Time	7/3/2014
Special Requirements	
Progress	New
Assigned To	SR Approvers
Carrier	
Tracking Number	
Notes on Shipment	
Date Shipped	
Date Delivered	
Replacement/Insured Value of Shipment	\$0.00
Customer / Vendor	
On Hold	
Predecessors	2 boxes 36" X 19" X 3" - 2 pounds (overlays / decals) 24" X 24" X 7" - 8 pounds (KVM Receiver)
Ship File / Invoice #	

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