



CS Innovations, LLC
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Phone: 480-567-1100
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February 10, 2012
Our ref: 9200-00006

U.S. Nuclear Regulatory Commission
Document Control Desk
11555 Rockville Pike
Rockville, MD 20852

Subject: Advanced Logic System Topical Report and Supporting Documents Submittal
NRC Project Number 779

Enclosed:

1. Document titled "6002-30284, ALS-302 Test Summary Report," Rev. 1, marked proprietary
2. Document titled "6002-32184, ALS-321 Test Summary Report," Rev. 0, marked proprietary
3. Document titled "6002-30282, ALS-302 V&V Summary Report," Rev. B, marked proprietary
4. Document titled "6002-32182, "ALS-321 V&V Summary Report," Rev. A, marked proprietary
5. Document titled "6002-30210, ALS-302 Core A Requirements Traceability Matrix," Rev. 1, marked proprietary
6. Document titled "6002-30211 ALS-302 Core B Requirements Traceability Matrix," Rev. E, marked proprietary
7. Document titled "6002-32110, ALS-321 Core A Requirements Traceability Matrix," Rev. 1, marked proprietary
8. Document titled "6002-30281, ALS-302 Configuration Management Summary Report," Rev. 1, marked proprietary
9. Document titled "6002-32181, ALS-321 Configuration Management Summary Report," Rev. 1, marked proprietary
10. Document titled "6002-00007, ALS Platform Status Accounting," Rev. A, marked proprietary
11. Document titled "6002-00007, ALS Platform Status Accounting," Rev. B, marked proprietary
12. Document titled "6002-30250, ALS-302 Configuration Status Accounting Report," Rev. B, marked proprietary
13. Document titled "6002-30250, ALS-302 Configuration Status Accounting Report," Rev. C, marked proprietary
14. Document titled "6002-32150, ALS-321 Configuration Status Accounting Report," Rev. B, marked proprietary
15. Document titled "6002-32150, ALS-321 Configuration Status Accounting Report," Rev. C, marked proprietary

Also enclosed are:

1. One (1) copy of the Application for Withholding Proprietary Information from Public Disclosure, 9200-00006 (Non-Proprietary), with Proprietary Information Notice and Copyright Notice.

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NRR

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2. One (1) copy of Affidavit (Non-Proprietary).

As discussed on January 12, 2012, Westinghouse made the commitment to provide ISG-06 Phase 2 documentation for completed boards 45 days in advance of an NRC audit. To support the audit schedule, enclosed are the Phase 2 documents for the 302 Core A, 302 Core B and 321 Core A.

In an email to Andy Hon dated January 20th, Westinghouse identified the Phase 2 documents that would be submitted by January 31st for the 302 Core A, 302 Core B and 321 Core A to allow for NRC planning of the audit.

Westinghouse performed a detailed assessment of these documents against ISG-06 criteria. This review has led us to a revised list from that email as follows:

ISG-06 Phase 2 Documents for 302 Core A and B and 321 Core A				
Phase 2 Document No. from Table 12-1 of ALS TR, Rev. 2	CS Innovations Document #	Title	Rev	Comments
2.2 & 2.13	6002-30282	ALS-302 V&V Summary Report	B	The TR identifies ALS Platform V&V Summary Report 6002-00500. V&V Summary Report is for the 302 Core A & B Assessments only.
2.2 & 2.13	6002-32182	ALS-321 V&V Summary Report	A	The TR identifies ALS Platform V&V Summary Report 6002-00500. V&V Summary Report only includes Core A Assessment only.
2.3	6002-30210	ALS-302 Core A RTM	1	N/A
2.3	6002-30211	ALS-302 Core B RTM	D	N/A
2.3	6002-32110	ALS-321 Core A RTM	1	N/A
2.6	6002-30284	ALS-302 Test Summary Report	1	N/A
2.6	6002-32184	ALS-321 Test Summary Report	0	N/A
2.8 & 2.16	6002-30281 6002-32181 and	ALS-xxx81 CM Summary Report	1 1	2.8: This differs from the ALS TR, which listed ALS-xxx40 Board Manufacturing Procedures. This change will be in the next revision.



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ISG-06 Phase 2 Documents for 302 Core A and B and 321 Core A				
Phase 2 Document No. from Table 12-1 of ALS TR, Rev. 2	CS Innovations Document #	Title	Rev	Comments
	6002-00007 6002-00007	Platform Status Accounting	A B	2.16: This differs from the ALS TR, which listed only the CM Summary Report. This change will be in the next revision.
	6002-30250 6002-30250	ALS-xxx50 CM Status Accounting	B C	
	6002-32150 6002-32150	Report	B C	

This submittal contains proprietary information of Westinghouse. 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.

Correspondence with respect to the proprietary aspects of the application for withholding or the Westinghouse affidavit should reference 9200-00006 and should be addressed to Ms. Stephanie Smith, Project Manager - Nuclear Automation Licensing, Westinghouse Electric Company LLC, Suite 517, 5000 Ericsson Drive, Warrendale, Pennsylvania 15086.

Very truly yours,

Scott Roberts, Director
Scottsdale Operations

Cc: Andrew Hon (NRC, OWFN, Mailstop 12D20)

Enclosures



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bcc: Stephanie Smith
Scott Roberts
Mark Stofko
Warren Odess-Gillett
John Porter



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

Subject: Advanced Logic System Topical Report and Supporting Documents Submittal
NRC Project Number 779

Reference: Letter from Scott Roberts to Document Control Desk, 9200-00006, dated February 10, 2012

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 version of the subject documents. In conformance with 10 CFR Section 2.390, an affidavit 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.

Westinghouse does not intend to submit additional non-proprietary versions of the documentation listed as proprietary only due to the extensive proprietary information contained within the documents. A non-proprietary version would be of no value to the public.

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 9200-00006 and should be addressed to Ms. Stephanie Smith, Project Manager - Nuclear Automation Licensing, Westinghouse Electric Company LLC, Suite 517, 5000 Ericsson Drive, Warrendale, Pennsylvania 15086.

Very truly yours,

A handwritten signature in black ink, appearing to read 'Scott Roberts', written over a horizontal line.

Scott Roberts, Director
Scottsdale Operations

Enclosures

- (1) I am Director, Scottsdale Operations, 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 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.

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 2.390, 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 the documents listed in the cover letter (9200-00006) from Scott Roberts, Director Scottsdale Operations, dated November 11, 2011, and with the subject "ALS Topical Report and Supporting Documents Submittal". The information is being submitted in support of a topical report submittal and is being transmitted by the cover letter mentioned prior and an Application for Withholding Proprietary Information from Public Disclosure, to the Nuclear Regulatory Commission's Document Control Desk.

The information is part of that which will enable Westinghouse to develop a generic ALS platform for use in 1E safety systems.

Further this information has substantial commercial value as follows:

- (a) The information requested to be withheld reveals the distinguishing aspects of a methodology which was developed by Westinghouse.
- (b) The information requested to be withheld reveals trade secrets.
- (c) The information requested to be withheld reveals details of Westinghouse intellectual property.
- (d) The information requested to be withheld reveals commercial strategies.

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 engineering services 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 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 2.390 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 documents transmitted herewith bear a Westinghouse copyright notice. The NRC is permitted to make the number of copies of the information contained in these documents which is 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.

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AFFIDAVIT

STATE OF ARIZONA:

SS

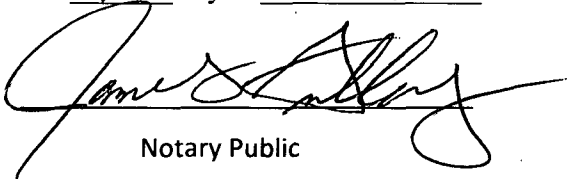
COUNTY OF MARICOPA:

Before me, the undersigned authority, personally appeared Scott Roberts, 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:



Scott Roberts, Director
Scottsdale Operations

Sworn to and subscribed before me
this 10 day of FEB 2012


Notary Public