



PROPRIETARY

Nuclear Innovation  
North America LLC  
122 West Way, Suite 405  
Lake Jackson, Texas 77566

February 5, 2014  
U7-C-NINA-NRC-140005  
10 CFR 2.390

U. S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
One White Flint North  
11555 Rockville Pike  
Rockville, MD 20852-2738

South Texas Project  
Units 3 and 4  
Docket No. PROJ0772  
Re-transmittal of Letter U7-C-NINA-NRC-130007

Reference: Letter from Scott Head to Document Control Desk, "Final Approved Versions of WCAP-17079", March 7, 2013

This letter is re-transmitting the referenced letter that was submitted to the NRC on March 7, 2013. This letter is being re-submitted to ensure that it is placed in ADAMs. There are no changes to the letter from what was sent previously.

Because this letter contains information proprietary to Westinghouse Electric Company LLC, it is supported by an affidavit signed by Westinghouse, the owner of the information. The affidavit 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 2.390 of the Commission's regulations.

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

TOD  
NRD

STI 33822496

The Attachment contains the letter with the final approved proprietary and non-proprietary versions of WCAP-17079, and the corresponding affidavit.

Correspondence with respect to the copyright or proprietary aspects of this information or the supporting Westinghouse Affidavit should reference CAW-13-3588 and should be addressed to: J. A. Gresham, Manager, Regulatory Compliance and Plant Licensing, Westinghouse Electric Company LLC, Suite 428, 1000 Westinghouse Drive, Cranberry Township, Pennsylvania, 16066.

If this letter becomes separated from the proprietary material it is no longer proprietary.

There are no commitments in this letter.

If you have any questions, please contact me at (979) 316-3011, or Bill Mookhoek at (979) 316-3014.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on 2/5/14



Scott Head  
Manager, Regulatory Affairs  
NINA South Texas Project Units 3&4

jet

Attachment:

Letter U7-C-NINA-NRC-130007

cc: w/o attachment except\*  
(paper copy)

Director, Office of New Reactors  
U. S. Nuclear Regulatory Commission  
One White Flint North  
11555 Rockville Pike  
Rockville, MD 20852-2738

Regional Administrator, Region IV  
U. S. Nuclear Regulatory Commission  
1600 E. Lamar Blvd.  
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Assistant Commissioner  
Division for Regulatory Services  
Texas Department of State Health Services  
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Rockville, MD 20852

(electronic copy)

\*Tom Tai  
Fred Brown  
U. S. Nuclear Regulatory Commission

Jamey Seely  
Nuclear Innovation North America

Peter G. Nemeth  
Crain, Caton & James, P.C.

Richard Peña  
Kevin Pollo  
L. D. Blaylock  
CPS Energy

ATTACHMENT  
Letter U7-C-NINA-NRC-130007  
March 7, 2013



PROPRIETARY

**Nuclear Innovation**  
North America LLC  
4000 Avenue F, Suite A  
Bay City, Texas 77414

March 7, 2013  
U7-C-NINA-NRC-130007  
10 CFR 2.390

U. S. Nuclear Regulatory Commission  
Attention: Document Control Desk  
One White Flint North  
11555 Rockville Pike  
Rockville, MD 20852-2738

South Texas Project  
Units 3 and 4  
Docket No. PROJ0772  
Final Approved Versions of WCAP-17079

Reference: Letter from Frank Akstulewicz to Scott Head and James Gresham, Final Safety Evaluation for Westinghouse Electric Company Licensing Topical Report WCAP-17079-P for Boiling-Water Reactors 2-6 and Advanced Boiling-Water Reactor, "Supplement 3 To BISON Topical Report RPA 90-90-A SAFIR Control System Simulator" (Project No. 700 and No. 0772) (ML12205A300)

In response to the request in the referenced letter, we are enclosing a proprietary and non-proprietary version of WCAP-17079-P-A, "Supplement 3 to BISON Topical Report RPA 90-90-P-A SAFIR Control System Simulator." Both WCAP versions include a copy of the NRC Final Safety Evaluation Reports (SERs) and copies of the NRC Requests for Additional Information (RAI) and our responses to them. In addition, a few revisions were made to the WCAP in accordance with the RAI responses.

Since this letter contains information proprietary to Westinghouse Electric Company LLC, it is supported by an affidavit signed by Westinghouse, the owner of the information. The affidavit 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 2.390 of the Commission's regulations.

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

STI 33650637

Attachment 1 contains the proprietary version of the WCAP and Attachment 2 contains the non-proprietary version. Attachment 3 contains the request for withholding of proprietary information, the affidavit, the proprietary information notice, and the copyright notice.

Correspondence with respect to the copyright or proprietary aspects of this information or the supporting Westinghouse Affidavit should reference CAW-13-3633 and should be addressed to: J. A. Gresham, Manager, Regulatory Compliance and Plant Licensing, Westinghouse Electric Company LLC, Suite 428, 1000 Westinghouse Drive, Cranberry Township, Pennsylvania, 16066.

If this letter becomes separated from the proprietary material in Attachment 1 it is no longer proprietary.

There are no commitments in this letter.

If you have any questions, please contact me at 979-316-3011, or Bill Mookhoek at 979-316-3014.

I declare under penalty of perjury that the foregoing is true and correct.

Executed on 3/7/13



Scott Head  
Manager, Regulatory Affairs  
NINA South Texas Project Units 3&4

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Attachments:

1. WCAP-17079-P-A (Proprietary)
2. WCAP-17079-NP-A (Non-Proprietary)
3. Request for Withholding Proprietary Information

cc: w/o attachment except\*  
(paper copy)

Director, Office of New Reactors  
U. S. Nuclear Regulatory Commission  
One White Flint North  
11555 Rockville Pike  
Rockville, MD 20852-2738

Regional Administrator, Region IV  
U. S. Nuclear Regulatory Commission  
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Arlington, TX 76011-4511

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\*George F. Wunder  
\*Michael Eudy  
Fred Brown  
U. S. Nuclear Regulatory Commission

Jamey Seely  
Nuclear Innovation North America

Peter G. Nemeth  
Crain, Caton & James, P.C.

Richard Peña  
Kevin Pollo  
L. D. Blaylock  
CPS Energy

ATTACHMENT 3  
U7-C-NINA-NRC-130007  
Request for Withholding of Proprietary Information



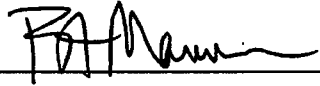
AFFIDAVIT

COMMONWEALTH OF PENNSYLVANIA:

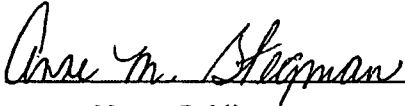
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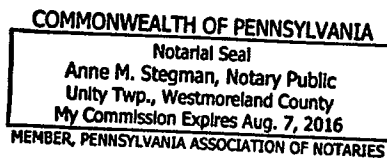
COUNTY OF BUTLER:

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:

  
\_\_\_\_\_  
Bradley F Maurer, Manager  
ABWR Licensing

Sworn to and subscribed before me  
this 25th day of February 2013

  
\_\_\_\_\_  
Notary Public



- (1) I am Manager, ABWR 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 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 WCAP-17079-P-A, Revision 0, "Supplement 3 to BISON Topical Report RPA 90-90-P-A SAFIR Control System Simulator" (Proprietary), dated February 2013, for submittal to the Commission, being transmitted by Nuclear Innovation North America (NINA) letter 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 Westinghouse's request for NRC approval of WCAP-17079-P-A, and may be used only for that purpose.

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

- (a) Document NRC approval of WCAP-17079-P-A, "Supplement 3 to BISON Topical Report RPA 90-90-P-A SAFIR Control System Simulator".

Further this information has substantial commercial value as follows:

- (a) Westinghouse plans to sell the use of similar information to its customers for the purpose of modeling control systems to be used with approved transient codes.
- (b) The information requested to be withheld reveals the distinguishing aspects of a methodology which 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 technical evaluation justifications 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 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.