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Log # TXX-07148

Ref. # 10CFR50.90

October 24, 2007

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555

SUBJECT: COMANCHE PEAK STEAM ELECTRIC STATION
DOCKET NOS. 50-445 AND 50-446
SUPPLEMENTAL INFORMATION TO LICENSE AMENDMENT REQUEST (LAR) 07-004, REVISION TO THE OPERATING LICENSE AND TECHNICAL SPECIFICATION 1.0, "USE AND APPLICATION" AND 3.7.17, "SPENT FUEL ASSEMBLY STORAGE" TO REVISE RATED THERMAL POWER FROM 3458 MWT TO 3612 MWT (TAC NOS. MD6615 AND MD6616)

REFERENCE: Letter dated August 28, 2007, logged TXX-07107 transmitting "LICENSE AMENDMENT REQUEST (LAR) 07-004, REVISION TO THE OPERATING LICENSE AND TECHNICAL SPECIFICATION 1.0, "USE AND APPLICATION" AND 3.7.17, "SPENT FUEL ASSEMBLY STORAGE" TO REVISE RATED THERMAL POWER FROM 3458 MWT TO 3612 MWT," from Mike Blevins of Luminant Power to the NRC.

Dear Sir or Madam:

Luminant Generation Company LLC (Luminant Power) hereby supplements the license amendment request submitted per the referenced letter with the GOTHIC input data for Comanche Peak uprate Loss of Coolant Accident and the Steam Line Break containment response. The NRC requested the input data for use in the NRC's modeling of the containment response at uprate conditions.

Attachment 2 is a copy of the GOTHIC input data for Comanche Peak uprate Loss of Coolant Accident and the Steam Line Break containment response analyses. The attachment includes the GOTHIC model input files that support the limiting LOCA containment response analysis and the limiting steam line break containment response analysis performed as a part of the Comanche Peak Uprate/Transition Project. The mass and energy releases used as input to the containment response GOTHIC models are also provided in ASCII format. The attachment contains the requested three mass and energy files and the three GOTHIC input files listed in the table below.

A member of the STARS (Strategic Teaming and Resource Sharing) Alliance

Callaway · Comanche Peak · Diablo Canyon · Palo Verde · South Texas Project · Wolf Creek

A001
NRR

Case Description	Mass and Energy Releases File	Containment Response Input File
LOCA peak pressure and peak temperature case	DEPSMIN_Westinghouse_Proprietary_Class_2.mande	LOCA_DEPSMIN_Westinghouse_Proprietary_Class_2.GTH
Steamline break peak temperature case	5b_Westinghouse_Proprietary_Class_2.mande	SLB_case5b_SPLIT_msiv_Westinghouse_Proprietary_Class_2.GTH
Steamline break peak pressure case	7a_Westinghouse_Proprietary_Class_2.mande	SLB_case7a_SPLIT_safe_Westinghouse_Proprietary_Class_2.GTH

Also enclosed is a compact disk (Enclosure 2) with the files listed in the above table provided in both ASCII format as well as Acrobat 7.0 (pdf) format.

Note that the mass and energy releases are input into the GOTHIC decks using a Westinghouse internal utility that reads the releases into GOTHIC as control variables from a binary output file. In order to read the mass and energy releases into GOTHIC outside of Westinghouse, forcing function table will need to be used ("Resources" → "Functions" in the GOTHIC file menu). These tables will then need to be linked to the GOTHIC boundary conditions ("Build" → "Boundary Conditions" in the GOTHIC file menu). The Westinghouse defined mass and energy control variables will also need to be deleted ("Resources" → "Control Variables" in the GOTHIC file menu).

Attachment 2 contains information proprietary to Westinghouse, and is supported by an affidavit signed by Westinghouse, the owner of the information. As stated in Attachment 1, all data files are proprietary. 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.

Correspondence with respect to the copyright or proprietary aspects of the items listed above or the supporting Westinghouse affidavit should reference CAW-07-2346 (Enclosure 1) and should be addressed to J. A. Gresham, Manager, Regulatory Compliance and Plant Licensing, Westinghouse Electric Company LLC, P.O. Box 355, Pittsburgh, Pennsylvania 15230-0355.

This communication contains no new licensing basis commitments regarding Comanche Peak Units 1 and 2.

Should you have any questions, please contact Mr. J. D. Seawright at (254) 897-0140.

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


Executed on October 24, 2007.

Sincerely,

Luminant Generation Company LLC

Mike Blevins

By:


Fred W. Madden

Director, Oversight & Regulatory Affairs

- Attachments -1. Non-Proprietary Attachment to Westinghouse letter WPT-17046, "Power Uprate Project Response to NRC Request for Transmittal of Information"
2. Proprietary Attachment to Westinghouse letter WPT-17046, "Power Uprate Project Response to NRC Request for Transmittal of Information"
- Printout of file "DEPSMIN_Westinghouse_Proprietary_Class_2.mande"
 - Printout of file "LOCA_DEPSMIN_Westinghouse_Proprietary_Class_2.GTH"
 - Printout of file "5b_Westinghouse_Proprietary_Class_2.mande"
 - Printout of file "SLB_case5b_SPLIT_msiv_Westinghouse_Proprietary_Class_2.GTH"
 - Printout of file "7a_Westinghouse_Proprietary_Class_2.mande"
 - Printout of file "SLB_case7a_SPLIT_safe_Westinghouse_Proprietary_Class_2.GTH"

- Enclosure- 1. Westinghouse Application for Withholding Proprietary Information, accompanying Affidavit and Proprietary Notice
2. Compact Disk with GOTHIC Input Data for Comanche Peak Uprate LOCA and SLB Containment Response Analysis

- c - E. E. Collins, Region IV (clo)
B. K. Singal, NRR (clo)
Resident Inspectors, Comanche Peak (clo)
C. F. Lyon, NRR (3 compact disks)



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Our ref: CAW-07-2346

October 23, 2007

APPLICATION FOR WITHHOLDING PROPRIETARY
INFORMATION FROM PUBLIC DISCLOSURE

Subject: WPT-17046, "Power Uprate Project Response to NRC Request for Transmittal of Information"
(Proprietary Attachment)

The proprietary information for which withholding is being requested in the above-referenced letter is further identified in Affidavit CAW-07-2346 signed by the owner of the proprietary information, Westinghouse Electric Company LLC. The affidavit, which accompanies this letter, 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 10 CFR Section 2.390 of the Commission's regulations.

Accordingly, this letter authorizes the utilization of the accompanying affidavit by Luminant Generation Company LLC.

Correspondence with respect to the proprietary aspects of the application for withholding or the Westinghouse affidavit should reference this letter, CAW-07-2346, and should be addressed to J. A. Gresham, Manager, Regulatory Compliance and Plant Licensing, Westinghouse Electric Company LLC, P.O. Box 355, Pittsburgh, Pennsylvania 15230-0355.

Very truly yours,

A handwritten signature in cursive script, appearing to read "J. A. Gresham / for".

J. A. Gresham, Manager
Regulatory Compliance and Plant Licensing

Enclosures

cc: J. Thompson, NRC


AFFIDAVIT

COMMONWEALTH OF PENNSYLVANIA:

SS

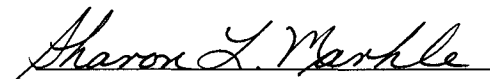
COUNTY OF ALLEGHENY:

Before me, the undersigned authority, personally appeared C. Savage, 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:



C. Savage, Director
Systems & Safety Analysis

Sworn to and subscribed before me
this 23rd day of October, 2007



Notary Public

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Sharon L. Markle, Notary Public
Monroeville Boro, Allegheny County
My Commission Expires Jan. 29, 2011
Member, Pennsylvania Association of Notaries

- (1) I am Director, Systems & Safety Analysis, 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" 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 WPT-17046, "Power Uprate Project Response to NRC Request for Transmittal of Information" (Proprietary Attachment), dated October 2007, for Comanche Peak Nuclear Power Plant Units 1 and 2, being transmitted by Luminant Generation Company LLC letter and Application for Withholding Proprietary Information from Public Disclosure, to the Document Control Desk. The proprietary information as submitted for use by Westinghouse for Comanche Peak Nuclear Power Plant Units 1 and 2 is expected to be applicable for other licensee submittals in response to certain NRC requirements for justification of stretch power uprating. This information may be used only for the purpose of reviewing the Comanche Peak application.

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

- (a) Provide information in support of plant power uprate licensing submittals.
- (b) Provide customer specific inputs to calculations.
- (c) Provide licensing support for customer submittals.

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 associated with power uprate licensing submittals.
- (b) Westinghouse can sell support and defense of the technology to its customer in the licensing process.
- (c) 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 information 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.

ATTACHMENT 1 TO TXX-07148

**Non-Proprietary Attachment to
Westinghouse letter WPT-17046, "Power Uprate Project Response to
NRC Request for Transmittal of Information"**

All Data Files are proprietary