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AUTH. NAME: COLEMAN, D.W. AUTHOR AFFILIATION: Washington Public Power Supply System
RECIP. NAME: RECIPIENT AFFILIATION: Records Management Branch (Document Control Desk)

SUBJECT: Forwards proprietary info to support review of request for
amend to license NPF-21, re min critical power ratio safety
limits TSS, as requested during 990816 conversation.
Proprietary encl withheld.

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**ENERGY
NORTHWEST**

P.O. Box 968 □ Richland, Washington 99352-0968

August 30, 1999
GO2-99-164

Docket No. 50-397

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

Gentlemen:

Subject: WNP-2, OPERATING LICENSE NPF-21
REQUEST FOR AMENDMENT
MINIMUM CRITICAL POWER RATIO SAFETY LIMITS
(ADDITIONAL INFORMATION - CHANNEL BOW)

Reference: Letter GO2-99-149, dated August 2, 1999, DW Coleman (Energy Northwest) to
NRC, "Request for Amendment, Minimum Critical Power Ratio Safety Limits
(Supplemental Information)"

In an August 16, 1999 conversation between NRC, Energy Northwest and ABB Combustion Engineering personnel, the staff requested additional information to support its review of our pending request for an amendment to the Minimum Critical Power Ratio Safety Limit Technical Specifications.

The information requested is included in the attached letter from ABB Combustion Engineering, Inc. Some of the material in the attachment has been identified as proprietary and is marked accordingly (i.e., bracketed). Pursuant to the requirements of 10 CFR 2.790, an affidavit is enclosed to support the withholding of this information from public disclosure.

Should you have any questions or desire additional information regarding this matter, please call me or PJ Inserra at (509) 377-4147.

Respectfully,

D.W. Coleman

DW Coleman
Manager, Regulatory Affairs
Mail Drop PE20

Attachment

090013

cc: EW Merschhoff - NRC RIV
JS Cushing - NRR
NRC Sr. Resident Inspector - 927N

DL Williams - BPA/1399
TC Poindexter - Winston & Strawn

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AFFIDAVIT

STATE OF WASHINGTON)
)
COUNTY OF BENTON)

Subject: Letter ABBWP-99-083, dated August 26,
1999, "WNP-2, Operating License NPF-21,
Request for Amendment, Minimum Critical
Power Ratio Safety Limits (Additional
Information - Channel Bow)"

I, D.W. Coleman, being duly sworn, subscribe to and say that I am the Manager, Regulatory Affairs, for ENERGY NORTHWEST, the applicant herein; that I have the full authority to execute this oath; that I have reviewed the foregoing; and that to the best of my knowledge, information, and belief the statements made in it are true.

The attachment to this letter contains information [marked in brackets] which is considered by ABB Combustion Engineering, to be proprietary. Attached is an affidavit executed by I.C. Rickard, Director, Nuclear Licensing, of ABB Combustion Engineering Nuclear Power, Inc., dated August, 26, 1999, which provides the basis on which it is claimed that the subject document should be withheld from public disclosure under the provisions of 10 CFR 2.790.

Energy Northwest treats the subject document as proprietary information on the basis of statements by the owner. In submitting this information to the NRC, Energy Northwest requests that the subject document be withheld from public disclosure in accordance with 10 CFR 2.790.

DATE August 30, 1999

D. W. Coleman

D.W. Coleman
Manager, Regulatory Affairs

On this date personally appeared before me D.W. Coleman, to me known to be the individual who executed the foregoing instrument, and acknowledged that he signed the same as his free act and deed for the uses and purposes herein mentioned.

GIVEN under my hand and seal this 30 day of August, 1999.

B. S. L. K.
Notary Public in and for the
STATE OF WASHINGTON

Residing at Kennebec, WA

My Commission Expires 4/28/02



August 26, 1999
ABBWP-99-083

Mr. R. A. Vopalensky
Energy Northwest
Plant Engineering Center (PEC)
North Power Plant Loop
Richland, WA 99352-0968
Mail Drop: PE10

Subject: WNP-2, Operating License NPF-21, Request for Amendment, Minimum Critical Power Ratio Safety Limits (Additional Information – Channel Bow)

Reference: Letter GO2-99-149, dated August 2, 1999, DW Coleman (Energy Northwest) to NRC, Request for Amendment, Minimum Critical Power Ratio Safety Limits (Supplemental Information)

Dear Mr. Vopalensky:

The attachment to this letter provides the information requested in an August 16, 1999 follow-up telephone conversation with the NRC staff pertaining to the discussion of channel bow that was presented in the referenced letter.

Portions of the response contain ABB Combustion Engineering Nuclear Power, Inc., proprietary information. This proprietary information is identified in brackets in the attachment. Please include these designations in your response to the NRC. An affidavit supporting the withholding of this information from public disclosure in accordance with 10 CFR 2.790(b) is also enclosed.

Should you require additional information or further clarification, please do not hesitate to contact me at (860) 687-8092 or Bill Harris at (860) 687-8014.

Best Regards,

Nirmal Jain
Project Manager

cc: D. Richey
W. Wolkenhauer
M. Reis

One Attachment – As stated
One Enclosure – As stated

ABB CENO Fuel Operations

ABB Combustion Engineering Nuclear Power, Inc.
Combustion Engineering, Inc.

Post Office Box 500
2000 Day Hill Road
Windsor, Connecticut 06095-0500

Telephone (860) 687-8001
Fax (860) 687-8002

AFFIDAVIT PURSUANT

TO 10 CFR 2.790

I, Ian C. Rickard, depose and say that I am the Director, Nuclear Licensing, of ABB Combustion Engineering Nuclear Power, Inc. (ABB CENP), duly authorized to make this affidavit, and have reviewed or caused to have reviewed the information which is identified as proprietary and referenced in the paragraph immediately below. I am submitting this affidavit in conformance with the provisions of 10 CFR 2.790 of the Commission's regulations and in conjunction with the application of Energy Northwest for withholding this information.

The information for which proprietary treatment is sought is contained in the following document:

ABBWP-99-083, "WNP-2, Operating License NPF-21, Request for Amendment, Minimum Critical Power Ration Safety Limits Additional Information – Channel Bow", August 1999

This document has been appropriately designated as proprietary.

I have personal knowledge of the criteria and procedures utilized by of ABB CENP in designating information as a trade secret, privileged or as confidential commercial or financial information.

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, included in the above referenced document, should be withheld.

1. The information sought to be withheld from public disclosure, is owned and has been held in confidence by ABB CENP. It consists of information regarding Safety Limits and mechanical characteristics of ABB CENP fuel.
2. The information consists of test data or other similar data concerning a process, method or component, the application of which results in substantial competitive advantage to ABB CENP.
3. The information is of a type customarily held in confidence by ABB CENP and not customarily disclosed to the public. ABB CENP 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 details of the aforementioned system were provided to the Nuclear Regulatory Commission via letter DP-537 from F. M. Stern to Frank Schroeder dated December 2, 1974. This system was applied in determining that the subject document herein is proprietary.

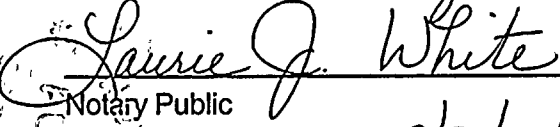
4. The information is being transmitted to the Commission in confidence under the provisions of 10 CFR 2.790 with the understanding that it is to be received in confidence by the Commission.
5. The information, to the best of my knowledge and belief, is not available in public sources, and any disclosure to third parties has been made pursuant to regulatory provisions or proprietary agreements that provide for maintenance of the information in confidence.
6. Public disclosure of the information is likely to cause substantial harm to the competitive position of ABB CENP because:
 - a. A similar product is manufactured and sold by major pressurized and/or boiling water reactor competitors of ABB CENP.
 - b. Development of this information by ABB CENP required tens of thousands of dollars and hundreds of man-hours of effort. A competitor would have to undergo similar expense in generating equivalent information.
 - c. In order to acquire such information, a competitor would also require considerable time and inconvenience to develop information regarding Safety Limits and mechanical characteristics of ABB CENP fuel.
 - d. The information consists of Safety Limits and mechanical characteristics of ABB CENP fuel, the application of which provides a competitive economic advantage. The availability of such information to competitors would enable them to modify their product to better compete with ABB CENP, take marketing or other actions to improve their product's position or impair the position of ABB CENP's product, and avoid developing similar data and analyses in support of their processes, methods or apparatus.
 - e. In pricing ABB CENP's products and services, significant research, development, engineering, analytical, manufacturing, licensing, quality assurance and other costs and expenses must be included. The ability of ABB CENP's competitors to utilize such information without similar expenditure of resources may enable them to sell at prices reflecting significantly lower costs.
 - f. Use of the information by competitors in the international marketplace would increase their ability to market nuclear steam supply systems, nuclear fuel, analyses or other support services by reducing the costs associated with their technology development. In addition, disclosure would have an adverse economic impact on ABB CENP's potential for obtaining or maintaining foreign licensees.

Further the deponent sayeth not.



Ian C. Rickard
Director, Nuclear Licensing

Sworn to before me
this 26th day of August, 1999



Notary Public
My commission expires: 8/31/04

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