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 AUTH. NAME AUTHOR AFFILIATION
 BOUCHEY, G.D. Washington Public Power Supply System
 RECIP. NAME RECIPIENT AFFILIATION
 SCHWENCER, A. Licensing Branch 2

SUBJECT: Forwards Test Rept 82-5-355B, "Three-Hour Fire Endurance
 Tests on Thermo-Lag 330-1 Subliming Coating Envelope Sys for
 WPPSS Nuclear Projects." W/o encl.

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 TITLE: Licensing Submittal: Fire Protection

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Washington Public Power Supply System

P.O. Box 968 3000 George Washington Way Richland, Washington 99352 (509) 372-5000

October 5, 1982
G02-82-831

Docket No. 50-397

Mr. A. Schwencer, Chief
Licensing Branch No. 2
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Schwencer:

Subject: NUCLEAR PROJECT NO. 2
I.T.L. TEST REPORT NO. 82-5-355B ENTITLED: "THREE-HOUR FIRE
ENDURANCE TESTS ON THERMO-LAG 330-1 SUBLIMING COATING ENVELOPE
SYSTEM FOR WASHINGTON PUBLIC POWER SUPPLY SYSTEM NUCLEAR PROJECTS"

Reference: (a) Letter, G02-82-826, G. D. Bouchey (Supply System) to
A. Schwencer (NRC), "Thermo-Lag 330-1 Subliming Coating
Envelope System (ITL Report No. 82-5-355A) for Fire Pro-
tection of Cable Raceway Systems under 10CFR50, Appendix R",
dated October 4, 1982
(b) Telecon, R. Auluck and D. Kubicki (NRC) to P. Powell and
D. Evans (Supply System) on September 30, 1982
(c) Letter, G02-82-792, G. D. Bouchey (Supply System) to
A. Schwencer (NRC), "Thermo-Lag 330-1 Subliming Coating
Envelope System (ITL Report No. 82-5-355A) for Fire Pro-
tection of Cable Raceway Systems Under 10CFR 50 Appendix R,"
dated September 20, 1982
(d) Letter, G02-82-635, G. D. Bouchey (Supply System) to
A. Schwencer (NRC), same subject as (c), dated August 2, 1982
(e) Letter, G02-82-396, G. D. Bouchey (Supply System) to
A. Schwencer (NRC), "Response to SER on FSAR Section 9.5.1,
Fire Protection Program", dated April 22, 1982

As referred to in the above references, enclosed for your review and acceptance is one copy of the subject test report. Nine additional copies of this report will follow within three weeks. The successful completion of these tests, as described in the attached report, completes our action for qualification of the three-hour fire rated envelope.

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F PDR



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October 5, 1982
G0-2-82-831

Also, enclosed is a copy of the American Nuclear Insurer's acceptance letter of September 30, 1982.

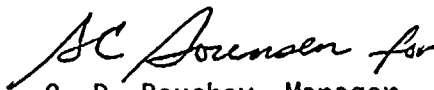
As discussed in reference (b), all cables and cable raceway components for the test program were provided by the Supply System as representative samples of materials used on Supply System Projects 1, 2 and 3. The cable type provided by each project is documented in the subject report under Appendix III, Section 2, Remarks. All materials supplied by TSI, Inc. for the Thermo-Lag 330-1 subliming coating envelope system used in the test program will be used for construction of such envelopes on Supply System projects. The product application and repair procedures used in the test program and documented in Appendix I, Section 4 of the subject report will be adhered to in the actual installation of the envelopes.

It is the Supply System's understanding that the additional information requested in reference (b) to clarify the method of sealing the ends of the cable raceway test articles outside the furnace, and the placement of thermocouples inside the test articles, has been provided direct to Mr. Kubicki by Industrial Testing Laboratories, and TSI, Inc. of St. Louis.

The ITL tests were conducted solely for the Supply System, and as such, the test report and ANI Acceptance letter are considered proprietary Supply System information. It is requested that they be withheld from public disclosure in accordance with 10CFR2.790.

Your assessment of this report and related response to this letter is requested at your earliest convenience in order to minimize construction delays.

Very truly yours,


G. D. Bouchey, Manager
Nuclear Safety & Licensing

DTE:kjt
Enclosures

cc: R Auluck NRC
 WS Chin BPA
 R Feil. NRC Site
 D Kubicki NRC (with enclosures)

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STATE OF WASHINGTON)
COUNTY OF BENTON) ss

Subject: I.T.L Test Report 82-5-355B

I G. C. Sorensen, being duly sworn, subscribe to and say that I am the Manager, Licensing Programs for the WASHINGTON PUBLIC POWER SUPPLY SYSTEM, the applicant herein; that I have 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, and the information contained in the attached I.T.L. Test Report No. 82-5-355B is proprietary and should be withheld from public disclosure in accordance with 10CFR2.790.

DATED OCT 5, 1982.

G. C. Sorensen
G. C. Sorensen, Manager
Licensing Programs

On this day personally appeared before me G. C. Sorensen 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 therein mentioned.

GIVEN under my hand and seal this 5 day of October 1982.



S. R. Michaels
Notary Public in and for the
State of Washington

Residing at 255 Saint
Richland Wa.
Dec. "85"

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