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(TEMPORARY FORM)

CONTROL NO: 2424

FILE: _____

FROM: Washington Public Pwr Richland, Wash JJ Stein			DATE OF DOC 2-21-75	DATE REC'D 2-27-75	LTR XXX	TWX	RPT	OTHER
TO: Mr Giambusso			ORIG one signed	CC	OTHER	SENT AEC PDR <u>XX</u> SENT LOCAL PDR <u>XX</u>		
CLASS	UNCLASS XXXXXX	PROP INFO	INPUT	NO CYS REC'D 1		DOCKET NO: 50-397		

DESCRIPTION:
Ltr re our 2-14-75 ltr.....notarized 2-21-75
.....furnishing responses to questions
concerning piping & instrumentation diagrams
.....

ENCLOSURES:

ACKNOWLEDGED
DO NOT REMOVE

PLANT NAME: WPPSS #2

FOR ACTION/INFORMATION 3-4-75 ehf

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<u>REG FILE</u> NRC PDR OGC, ROOM P-506A GOSSICK/STAFF CASE GIAMBUSSO BOYD MOORE (L) DEYOUNG (L) SKOVHOLT (L) GOLLER (L) (Ltr) P. COLLINS DENISE REG OPR FILE & REGION (2) T.R. WILSON STEELE	<u>TECH REVIEW</u> SCHROEDER MACCARY KNIGHT PAWLICKI SHAO STELLO HOUSTON NOVAK ROSS IPPOLITO TEDESCO LONG LAINAS BENAROYA VOLLMER Kanneke	DENTON GRIMES GAMMILL KASTNER BALLARD SPANGLER ENVIRO MULLER DICKER KNIGHTON YOUNGBLOOD REGAN PROJECT LDR HARLESS	<u>LIC ASST</u> R. DIGGS (L) H. GEARIN (L) E. GOULBOURNE (L) P. KREUTZER (E) J. LEE (L) M. MAIGRET (L) S. REED (E) M. SERVICE (L) S. SHEPPARD (L) M. SLATER (E) H. SMITH (L) S. TEETS (L) G. WILLIAMS (E) V. WILSON (L) R. INGRAM (L)	<u>A/T IND.</u> BRAITMAN SALTZMAN MELTZ <u>PLANS</u> MCDONALD CHAPMAN DUBE (Ltr) E. COUPE PETERSON HARTFIELD (2) KLECKER EISENHUT WIGGINTON
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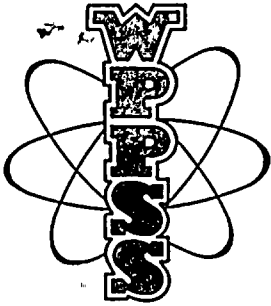
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1 - Newton Anderson		1 - J. D. RUNKLES, Rm E-201 GT
-14- ACRS HOLDING SENT		

TO ACRS AS CATEGORY B

4-1-77

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Washington Public Power Supply System
A JOINT OPERATING AGENCY

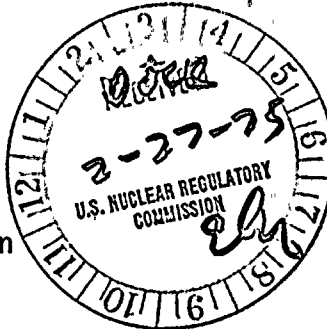
Regulatory

File Cy.7

P. O. Box 968 3000 GEO. WASHINGTON WAY RICHLAND, WASHINGTON 99352 PHONE (509) 946-9681

Docket No. 50-397

Mr. A. Giambusso, Director
Division of Reactor Licensing
Office of Nuclear Reactor Regulation
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555



February 21, 1975
G02-75-51



Subject: WPPSS NUCLEAR PROJECT NO. 2
POST CONSTRUCTION PERMIT ITEM
PIPING AND INSTRUMENTATION DIAGRAMS

Reference: Letter, W. R. Butler to J. J. Stein, transmitting Request
for Additional Information dated February 14, 1975, Letter
No. GI2-75-28.

Dear Mr. Giambusso:

This is in response to the reference letter's request for additional
information on the WPPSS Nuclear Project No. 2 Piping and Instrumentation
Diagrams. WPPSS response to each item identified is as follows:

Comment 211.1:

In Drawing M-512, the applicant should indicate the seismic and
quality group classification of the diesel oil system and the
diesel auxiliary systems (cooling water, lube oil, and starting
air). It is our position that these systems be Seismic Category I,
Quality Group C.

Response:

Drawing M-512, Rev. 0 presently indicates the seismic category
and quality group classification of the diesel auxiliary systems.

Presently the diesel fuel oil system up to the engines is Seismic
Category I, Quality Group C.

All of the diesel systems mounted on the engine are Seismic Category
I (lube oil, fuel oil, starting air, cooling water). The diesel
cooling water heat exchangers that interface with the standby ser-
vice water system are Section III, Class 3. Since the diesel engine
manufacturer, Electro Motive Division of General Motors (EMD) does
not possess an ASME Code stamp it is not possible to upgrade the
diesel engine system to Quality Group C.

2412.4

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The PSAR (page C.6-9) states that the diesel generators are Safety Class 2, Quality Assurance Requirement B, no appropriate construction code applicable and seismic requirement O/D. The design of the diesel generator is consistent with these requirements.

Comment 211.2:

In Drawing M-527, the HPCS suction line from the condensate storage tank provides the initial source of makeup water to the HPCS system for safety injection. Consequently, this line should be constructed to standards higher than normal industry practice. The applicant should provide full volumetric examination of every weld in the HPCS pump suction line.

Response:

Every weld in the HPCS pump suction line will be given full volumetric examination.

Comment 211.3:

In Drawing M-529, the 2 inch line (4 inch at the vessel connection) connected to the reactor vessel head is incorrectly classified as Quality Group D. This line should be classified Quality Group A.

Response:

Drawing M-529 has been corrected to show the 2 inch line (4 inch at the vessel connection) is classified Quality Group A.

Comment 211.4:

In Drawing M-529, the main steam drain line, classified Quality Group D, is connected to main steam lines A and B, classified Quality Group B. The main steam drain line should be Quality Group B out to and including an isolation valve either normally closed or capable of automatic closure in the event of failure of the Quality Group D portion of the drain line.

Response:

The 2 inch main steam line (MS 20-4) out to and including the isolation valve (MS-V-20) has been changed to Quality Group B. In addition the isolation valve (MS-V-20) will automatically be closed on a main steam line isolation signal.



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Comment 211.5:

In Drawing M-530, the 2 inch line connected to the bottom of the reactor vessel is incorrectly classified as Quality Group C. This line, as shown, forms part of the reactor coolant pressure boundary and should be classified Quality Group A.

Response:

In Drawing M-530, the 2 inch line connected to the bottom of the reactor vessel has been changed to Quality Group A.

Comment 211.6:


In Drawing M554, indicate the classification of the components of the hydrogen recombiner system. This system should be Seismic Category I and Quality Group B.

Response:

Drawing M-554 Revision 0 classifies the components of this system Seismic Category I and Quality Group B.

Please do not hesitate to contact us if you have any questions regarding this matter.

Very truly yours,


J. J. STEIN
Managing Director

JJS:GLG:v1m

cc: JJ Byrnes - Burns and Roe, Inc.
BW Kennedy - Bonneville Power Administration
JJ Verderber - Burns and Roe, Inc.

29/11/55

Letter, JJ Stein to A Giambusso, February 21, 1975, "Post Construction Permit
Item Piping and Instrumentation Diagrams," Letter No. G02-75-51

STATE OF WASHINGTON)
) ss
COUNTY OF BENTON)

N. O. STRAND, Being first duly sworn, deposes and says: That he is the acting Deputy Managing Director of the WASHINGTON PUBLIC POWER SUPPLY SYSTEM, the applicant herein; that he is authorized to submit the foregoing on behalf of said applicant; that he has read the foregoing and knows the contents thereof; and believes the same to be true to the best of his knowledge.

DATED February 21, 1975

N O Strand
N. O. STRAND

On this day personally appeared before me N. O. STRAND to me known to be the individual who executed the foregoing instrument and acknowledged that he signed the same as the free act and deed for the uses and purposes therein mentioned.

GIVEN under my hand and seal this 21st day of February, 1975.

Ruba B Helgeson
Notary Public in and for the State of
Washington 550 Senfand
Residing at Reckland

