

# ACCELERATED DISTRIBUTION DEMONSTRATION SYSTEM

## REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 8909220016      DOC. DATE: 89/09/12      NOTARIZED: YES      DOCKET #  
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 AUTH. NAME      AUTHOR AFFILIATION  
 SORESEN, G.C.      Washington Public Power Supply System  
 RECIP. NAME      RECIPIENT AFFILIATION  
                  Document Control Branch (Document Control Desk)

SUBJECT: Responds to NRC Bulletin 89-002, "Stress Corrosion Cracking  
 of High-Hardness Type 410 Stainless Steel ...."

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WASHINGTON PUBLIC POWER SUPPLY SYSTEM

P.O. Box 968 • 3000 George Washington Way • Richland, Washington 99352

September 12, 1989  
G02-89-159

Docket No. 50-397

U. S. Nuclear Regulatory Commission  
Attn: Document Control Desk  
Mail Station P1-137  
Washington, D.C. 20555

Gentlemen:

Subject: NUCLEAR PLANT NO. 2, OPERATING LICENSE NPF-21  
RESPONSE TO NRC BULLETIN 89-02, "STRESS CORROSION  
CRACKING OF HIGH-HARDNESS TYPE 410 STAINLESS STEEL  
INTERNAL PRELOADED BOLTING IN ANCHOR DARLING MODEL  
S350W SWING CHECK VALVES OR VALVES OF SIMILAR DESIGN"

In response to the subject Bulletin the Supply System initiated a document search on all check valves performing a safety related function. This document search consisted of a design review to determine if Anchor Darling Model S350W swing check valves or valves with features similar to this valve are being utilized at WNP-2 for this function. The results of this review are as follows:

- o 121 valve designs were identified and reviewed. None of these valves were Anchor Darling Model S350W.
- o Of the 121 valve designs reviewed, fifteen were found to have preloaded internal fasteners in an application similar to that of the Anchor Darling Model S350W.
- o None of the fifteen valves with preloaded internal fasteners utilized quenched and tempered Type 410 stainless steel. Eleven of the fifteen were SA-193 Grade B8 (Type 304 austenitic stainless steel), with the remaining four valves utilizing ASTM A449 bolting (high strength medium carbon steel).

Based on the above findings, the WNP-2 plant, in compliance with the actions requested in NRC Bulletin 89-02, does not plan any further actions associated with this bulletin.

Very truly yours,

  
G. C. Sorensen, Manager  
Regulatory Programs

cc: JB Martin - NRC RV  
NS Reynolds - BCP&R  
RB Samworth - NRC  
DL Williams - BPA/399  
NRC Site Inspector - 901A

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STATE OF WASHINGTON)  
COUNTY OF BENTON )

Subject: NRC BULLETIN 89-02  
WNP-2 RESPONSE

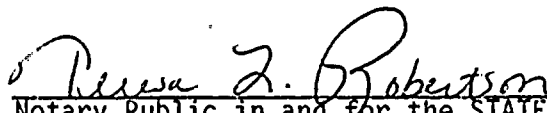
I, G. C. Sorensen, being duly sworn, subscribe to and say that I am the Manager, Regulatory Programs, for the WASHINGTON PUBLIC POWER SUPPLY SYSTEM, the applicant herein; that I have full authority to execute this oath; that I have reviewed the foregoing; and that to the best of my knowledge, information and belief the statements made in it are true.

DATE 12 SEPT, 1989

  
G. C. Sorensen, Manager  
Regulatory 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 herein mentioned.

GIVEN under my hand and seal this 12<sup>th</sup> day of September 1989.

  
Notary Public in and for the STATE  
OF WASHINGTON

Residing at Richland, WA  
My commission expires 7/14/91