

Docket No. 50-397

50.55(e) Report

Washington Public Power Supply System

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

Docket No. 50-397

Ltr. No. GO 2-81-534

Mr. R.H. Engelken
U.S. Nuclear Regulatory Commission
Region V
1450 Maria Lane Suite 210
Walnut Creek, California 94596



Subject: SUPPLY SYSTEM NUCLEAR PROJECT NO. 2
10CFR50.55(e) #175 WBG RADIOGRAPHS

In accordance with provisions of 10CFR50.55(e), your office was advised by telephone on November 19, 1981 of a potentially reportable condition concerning WBG Radiographs.

Attached is an interim report on the subject condition. Please contact Mr. R.T. Johnson at (509) 377-2501 extension 2712 if there are any questions.

R.G. Matlock
R.G. Matlock
Program Director, WNP-2

RGM/RLH/ecmm

Attachment: Interim Report

- cc: WS Chin, BPA
- RA Feil, NRC Resident Inspector, WNP-2
- JA Forrest, Burns and Roe, HAPO
- ND Lewis, NRC
- J. Plunkett, NUS Corp.
- RE Snaith, Burns and Roe, New York
- V. Stello, NRC
- WNP-2 Files

REGION V FILE

1981 DEC 23 AM 11:09

RECEIVED
FPO

8201110642 820108
PDR ADOCK 05000397
S PDR

1E27
5/11
81-167

Interim Report

POTENTIALLY REPORTABLE 10CFR50.55(e) CONDITION
WPPSS NUCLEAR PROJECT NO. 2
#175 WBG RADIOGRAPHS

WASHINGTON PUBLIC POWER SUPPLY SYSTEM
DOCKET NO. 50-397
LICENSE NO. CPPR-93

Potential Problem

During a review of accepted radiographs performed by WBG it was determined that 16 welds, out of a sample of 110 welds, contained either film quality or defect problems. Film quality problems were lack of proper density, missing shots so that the full weld surface was not covered, and some film had missing penetrameters. Weld quality problems were a linear indication in the root pass. A second review by the Bechtel Level III reduced the total number of welds rejectable for weld quality to eight. Three of these eight welds were cut out to examine the root pass. The examination resulted in confirming the rejection of two of the three welds for improper fit-up which exceeded Code allowables.

Approach to the Problem

A larger sample of 1,000 welds (approximately 3,000 - 4,000 radiographs) have been selected for review. Each radiographic film will be reviewed for film quality and rejectable indications. This sample review is being conducted by Bechtel NDE personnel. Film which does not meet film quality requirements will be evaluated. Acceptable film will be reviewed for weld quality and appropriate rework measures will be taken.

Status of Proposed Resolution

Present schedules indicate the sample review will be complete May 1, 1982. A report will be compiled and determination made as to whether a 100% review is necessary.

Projected Completion of Corrective Action and Report

An interim report will be provided by March 1, 1982 to the Nuclear Regulatory Commission.