Central files

Washington Public Power Supply System
A JOINT OPERATING AGENCY

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G02-81-01
January 2, 1981

Docket No. 50-397

Nuclear Regulatory Commission
Region V
1990 North California Boulevard
Suite 202, Walnut Creek Plaza
Walnut Creek, California 94596

RECEIVED JAN 19 1981 U.S. NUCLEAR REGULATORY COMMISSION

RECEIVED JAN 3 1981 REGION V INSPECTION & ENFORCEMENT

Attention: Mr. R. H. Engelken, Director

Gentlemen:

Subject: WPPSS Nuclear Project No. 2
Docket No. 50-397, CPPR-93
IE Bulletin No. 80-21,
Valve Yokes Supplied by Malcolm
Foundry Company, Incorporated

The subject bulletin identified a problem relative to the cracking of valve yokes supplied by the Malcolm Foundry Company, Incorporated to the Anchor/Darling Valve Company. Requested action included identification of active valves in safety related systems which have valve parts cast by Malcolm Foundry, verification that such parts have the proper mechanical properties or replacement of defective components and/or valves.

In respect to the requested action, inquiries have been sent to manufacturers and contractors who have supplied safety related valves for the WNP-2 project. Identification of valves containing Malcolm Foundry components, was requested.

A preliminary listing of manufacturers, whose valves will be included in the requested review, is:

Anchor/Darling Valve Company	Crosby
Anderson Greenwood & Company	Fisher Controls
Atwood and Morrill	GPE Controls
BIF, A Unit of General Signal Company	Hammel Dahl
Borg-Warner Nuclear Valve Division	Velan Engineering Ltd.

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Telephone communications with Anchor/Darling Valve Company, which were confirmed by letter, indicated that none of the valves supplied for the WNP-2 project included Malcolm Foundry components. The Malcolm Foundry castings were indicated as used only in valves produced by their Williamsport, Pennsylvania plant and specific valves, with such components, have been identified to the nuclear facilities for which they were supplied.

Responses received from GPE Controls, Morton Grove, Illinois and Velan Engineering Ltd., Montreal, Canada indicated that Malcolm Foundry has never been used as a source for valve components.

Completion of the required actions, within the requested time, is not possible since only the above indicated responses have been received to date. As soon as all responses have been received and evaluated, a supplementary report will be made to the Commission, which will provide a listing of affected valves, valve manufacturers, and our schedule for completion of valve inspections and component or valve replacement. The inspection of valves containing Malcolm Foundry castings will include the use of Brinell hardness tests to establish material properties for the components in question.

It is expected the supplementary report can be provided during February 1981.

If you have additional questions please contact us.

Very truly yours,

RGMatlock

R. G. Matlock
Program Director, WNP-2

RGM:HLB:cph

cc: V. Stello- NRC
AD Toth- NRC, Resident Inspector
ND Lewis - EFSEC
JR Lewis- BPA
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JJ Verderber- Burns & Roe
WNP-2 Files
NS Reynolds- Debevoise & Liberman