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AUTH. NAME AUTHOR AFFILIATION
KIRSCH, D. F. Region 5, Ofc of the Director
RECIP. NAME RECIPIENT AFFILIATION
VAN BRUNT, E. E. Arizona Nuclear Power Project (formerly Arizona Public Serv

SUBJECT: Requests addl info re util 860630 & 1027 responses to IE Bulletin 85-003, "Motor-Operated Valve Common Mode Failures During Plant Transients Due to Improper Switch Settings." Response requested within 30 days of ltr date.

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June 30, 1987

Docket Nos. 50-528
50-529
50-530

Arizona Nuclear Power Project
P. O. Box 52034
Phoenix, Arizona 85072-2034

Attention: E. E. Van Brunt, Jr.
Executive Vice President
Project Director

Gentlemen:

The review of your response ~~to IEB 85-03~~, "Motor-Operated Valve Common Mode Failures During Plant Transients Due to Improper Switch Settings," dated June 30, 1986 and October 27, 1986, indicates the need for additional information before the program to assure valve operability can be approved. The specific information requests are included in the attachment.

The information requested in the attachment should be sent within 30 days of the date of this letter to:

Richard J. Kiessel
Division of Operation Events Assessment
Nuclear Regulatory Commission
Washington, D.C. 20555

A copy of this response should be sent to the regional office.

Sincerely,

/S/

Dennis F. Kirsch, Director
Division of Reactor Safety and Projects
Region V

Enclosure:
1. RAI for Palo Verde Units 1, 2, and 3

cc w/enclosure:
B. Falkenberry
D. Kirsch
J. Melfi

8707060641 870630
PDR ADOCK 05000528
Q PDR

RV/jk

IE01

1/0

REQUEST COPY	REQUEST COPY	REQUEST COPY	REQUEST COPY
(YES) / NO	(YES) / NO	YES / (NO)	YES / NO
			SEND TO PDR
			(YES) / NO
MELFI JFM	RICHARDS WJK for	PATE	KIRSCH K
6/30/87	6/30/87	6/ /87	6/30 /87

87-309

UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION V
1450 MARIA LANE, SUITE 210
WALNUT CREEK, CALIFORNIA 94596

June 30, 1987

Docket Nos. 50-528
50-529
50-530

Arizona Nuclear Power Project
P. O. Box 52034
Phoenix, Arizona 85072-2034

Attention: E. E. Van Brunt, Jr.
Executive Vice President
Project Director

Gentlemen:

The review of your response to IEB 85-03, "Motor-Operated Valve Common Mode Failures During Plant Transients Due to Improper Switch Settings," dated June 30, 1986 and October 27, 1986, indicates the need for additional information before the program to assure valve operability can be approved. The specific information requests are included in the attachment.

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A copy of this response should be sent to the regional office.

Sincerely,

D.F. Kirsch

Dennis F. Kirsch, Director
Division of Reactor Safety and Projects
Region V

Enclosure:
1. RAI for Palo Verde Units 1, 2, and 3

cc w/enclosure:
B. Falkenberry
D. Kirsch
J. Melfi

REQUEST FOR ADDITIONAL INFORMATION (RAI) RE:

Review of Responses to Action Item e of IE Bulletin 85-03

Licensee:
Arizona Nuclear Power Project
P. O. Box 52034
Phoenix, Arizona 85072-2034

Unit(s): Palo Verde 1,2,3
Date of Response: 06-30-86
10-27-86
Respondent:
E. E. Van Brunt, Jr.
Executive Vice President
Project Director

The information provided in your response to Action Item e of IE Bulletin 85-03 was found to be deficient in some areas. Please provide the additional information necessary to resolve the following comments and questions:

1. Has water hammer due to valve closure been considered in the determination of pressure differentials? If not, please explain.

2. Listed MOVs HV-30 through HV-33 and HV-54 of the AFW System are 4-inch globe valves, and listed MOVs HC-321 and HC-331 of the HPSI System are 3-inch globe valves. We were advised recently that the MOVATS data base does not include globe valves with orifice sizes less than 1.75 or more than 2.0 inches. Will representative samples of these three-inch and four-inch globe valves be tested at full differential pressure?

3. Please explain why the following MOVs in the AFW system are not included in the tables of the response of 06-30-86.

   (a) HV-1 and HV-4 are shown normally closed in a suction line from the CST to one of the motor-driven pumps, in Zone E-3 of Drawing 13-M-CTP-001, Rev 14.

   (b) HV-1142 and HV-1143 are shown in parallel in a line bypassing discharge of one of the motor-driven pumps to Steam Generator 1, in zones G-14 and F-14 of Drawing 13-M-SGP-002, Rev 17.

   (c) HV-1144 and HV-1145 are shown in parallel in a crossover line between discharge lines of the motor-driven pumps, in Zone C-14 of Drawing 13-M-SGP-002, Rev 17.

4. Please expand the proposed program for action items b, c and d of the bulletin to include a commitment to a training program for setting switches, maintaining valve operators, using signature testing equipment and interpreting signatures.