

## Washington Public Power Supply System

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

G02-81-148  
June 19, 1981

Docket No. 50-397

U. S. Nuclear Regulatory Commission  
Region V  
Suite 202, Walnut Creek Plaza  
1990 North California Blvd.  
Walnut Creek, California 94596

Attention: Mr. R. H. Engelken, Director

Gentlemen:

Subject: SUPPLY SYSTEM NUCLEAR PROJECT NO. 2  
REPORTABLE DEFICIENCY - 10CFR50.55(e) #154  
POTENTIAL REPORTABLE CONDITION OF CONTROL  
ROOM BALANCE OF PLANT (BOP) PANEL QUALITY  
AND SEISMIC CLASS.

Your office was informed by phone on May 20, 1981 of a potentially reportable deficiency, regarding the quality and seismic class of the control room balance of plant panel.

We include an interim report on this matter and will forward the final report by July 20, 1981.

If you have any questions, please contact Susan Noordhoff, (509) 377-2501 extension 2721.

Very truly yours,

RGM/SN/kh

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

Attachment:  
1. Interim Report

cc:  
WS Chin-BPA  
ND Lewis  
TA Mangelsdorf-Bechtel  
RC Root-B&R Site  
RE Snaith-B&R NY  
~~V. Stello-NRC~~  
AD Toth-NRC Resident Inspector  
E Wood  
WNP-2 Files



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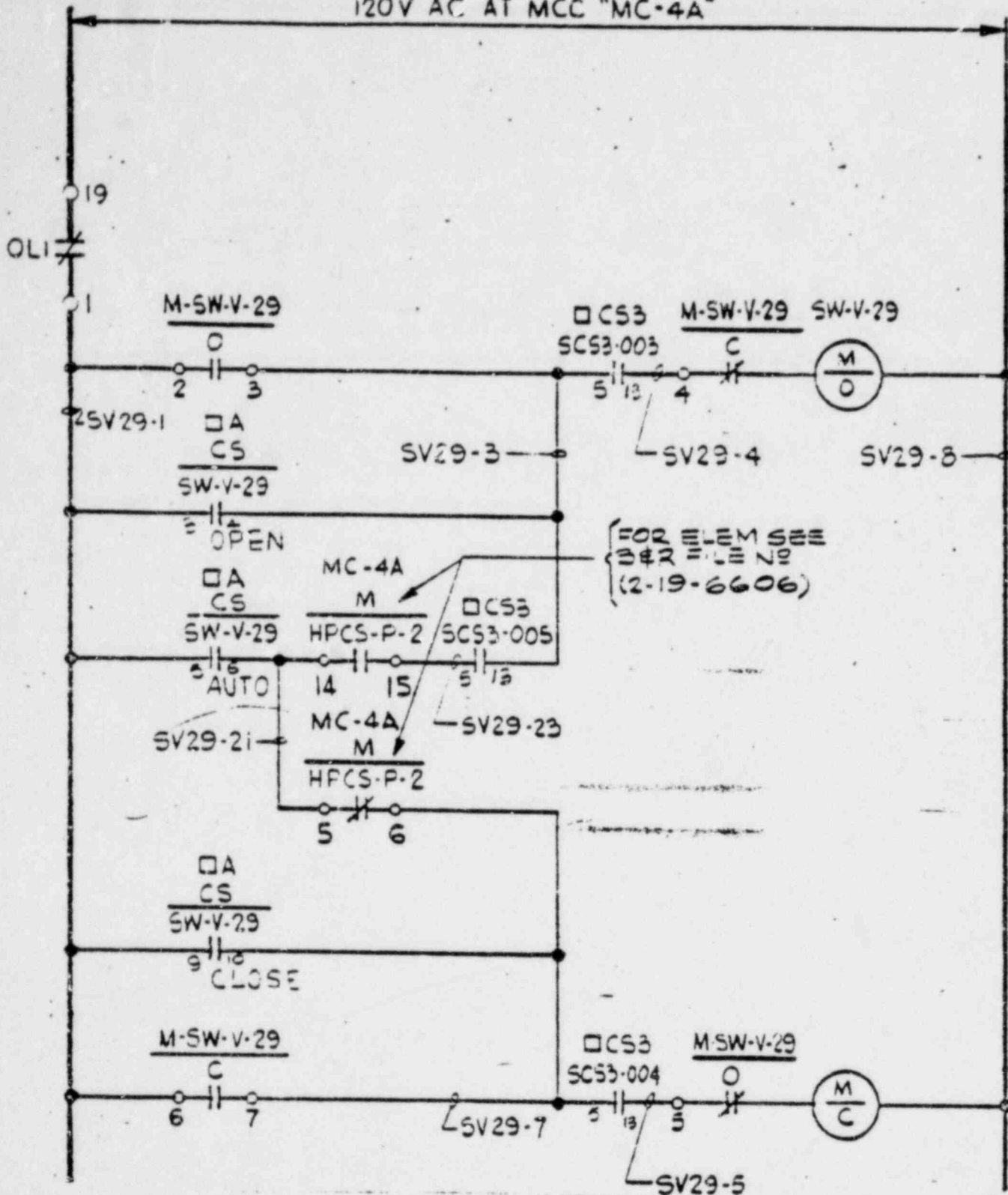
# ATTACHMENT NO. 1

Essential BOP Control Room Panels	G.E. Essential Code (EC) from MPL*	Description
H13-P800, BD 'C'	N	Benchboard
H13-P811, BD 'K2'	N	Vertical Board
H13-P812, BD 'R'	N	Vertical Board
H13-P813, BD 'H'	N	Vertical Board
H13-P814, BD 'J'	N	Vertical Board
H13-P820, BD 'B'	N	Benchboard
H13-P821, BD 'W'	N	Vertical Board
H13-P825, BD 'N'	N	Vertical Board
H13-P826, BD 'P'	N	Vertical Board
H13-P827, BD 'K1'	N	Vertical Board
H13-P831, BD 'V'	N	Vertical Board
H13-P833, BD 'G2'	N	Vertical Board
H13-P840, BD 'A'	N	Benchboard
H13-P841, BD 'G1'	N	Vertical Board
H13-P801, BD 'TCC2'	N	Term. Cab.
H13-P802, BD 'TCC1'	N	Term. Cab.
H13-P803, BD 'TCB2'	N	Term. Cab.
H13-P804, BD 'TCB1'	N	Term. Cab.
H13-P805, BD 'TCA2'	N	Term. Cab.
H13-P806, BD 'TCA1'	N	Term. Cab.
H13-P891, BD 'TCKII'	N	Term. Cab.
H13-P892, BD 'TCKI'	N	Term. Cab.
H13-P893, BD 'TCGII'	N	Term. Cab.
H13-P894, BD 'TCGI'	N	Term. Cab.

\*NOTE: EC is as listed in G.E. MPL Rev. 10 (G.E. Doc. No. 238X173AD) and as revised by letter GEBR-2-80-049, dated August 1, 1980. An 'N' EC denotes non-essential. Per the G.E. Essential Components System Design Specification (G.E. Doc. No. 22A3041, Rev. 1), Paragraph 4.1.3.5, an 'N' EC also denotes that the equipment is not Seismic Class I (SC-I) with some undetailed exceptions.

ATTACHMENT NO. 2  
EXAMPLE OF ESSENTIAL CIRCUIT IN BOP PANEL  
 (B&R Drawing No. E527, Sheet 6, Rev. 8)

120V AC AT MCC "MC-4A"



NOTE: CS/SW-V-29 is located in Board A (H13-P840). G.E. MPL indicates that this switch is essential (Parts No. 145C3040P033). SW-V-29 is the Service Water Pump Discharge Valve for the HPCS equipment cooling loop.

WASHINGTON PUBLIC POWER SUPPLY SYSTEM

DOCKET NO. 50-397

LICENSE NO. CPPR-93

POTENTIALLY REPORTABLE DEFICIENCY  
ON CONTROL ROOM BALANCE OF PLANT (BPO)  
PANEL QUALITY AND SEISMIC CLASS

WPPSS NUCLEAR PROJECT NO.2

1. SPECIFIC FACILITY WHICH CONTAINS THE POTENTIAL DEFICIENCY:

The plant control room panels, manufactured by General Electric.

2. SOURCE AND SPECIFIC REQUIREMENTS VIOLATED:

Contract 59, Section 50A, Instrumentation and Control Boards

Paragraph 3.3.1 - "All Benchboard Panel, Termination Cabinet, and False Floor Assembly structural components shall be designated Seismic Class I."

Paragraph 3.9.1 - "All Benchboard Panel, Vertical Panel, Termination Cabinet, and False Floor Assembly structural components shall be designated Quality Class I."

FSAR Chapter 7, Paragraph 7.1.2.4.b

Conformance to Reg. Guide 1.29 (6/7/72) - "All Safety-related Instrumentation and Control equipment is classified as Seismic Category I..."

Regulatory Guide 1.29 (6/7/72)

c.2: Those portions of structures, systems, or components whose failure could reduce the function of any plant feature listed (essential systems, Class IE equipment, control room, etc.) should be designed and constructed so that the SSE would not cause such failure.

3. DESCRIPTION OF DEVIATION/DEFICIENCY

Essential balance of plant control room panels have been designated as non-essential by the vendor, General Electric (G.E.), according to their Master Parts List (MPS). A listing of affected panels is given in Attachment No.1. These boards contain essential components which are required for operation of Class IE equipment. An example is given in Attachment No.2. G.E. has been asked to provide clarification and documentation of the seismic and quality levels to which these panels have actually been supplied and the internal components have been mounted.

4. DEFICIENCY'S POSSIBLE IMPACT ON SAFETY OF PLANT:

Safety implications and evaluation of this potentially reportable condition are awaiting General Electric's response to Burns and Roe's request to evaluate this condition. General Electric has committed to providing an answer date by July 5, 1981.

5. DATE AND METHOD OF DISCOVERY:

The apparent discrepancy was initially brought to light by Project QA while comparing project purchase order documents against the G.E. Master Parts List (MPL). Engineering became aware of this memo (WPPSS interoffice memorandum #QA-2-80-127) recently while working on the Class 1E Equipment List. Enquiries were made with G.E. to determine the actual seismic and quality class of these panels, without any resolution.

6. OTHER FACILITIES, ACTIVITIES OR BASIC COMPONENTS WHICH MAY BE AFFECTED:

Control Room BOP Panels.

RJ:SLN:sln