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March 12, 1984

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Dear Board Members:

At Tr. 08861, Mr. Donald Lewis of Bechtel presented testimony concerning a buried, control-room-pressurization pipe which was to be evaluated for the possibility of corrosion due to stray welding currents. The attached report of Bechtel contains such an evaluation, and finds that corrosion because of stray welding currents is not of concern with respect to this pipe.

Very truly yours,

James E. Brunner
James E. Brunner

CC OM/OL Service List

Attachment

50-329
50-334

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G PDR

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JAHorsch
EMHughes
MWKirkland

WMarguglio
APuschel
HWSlager
RAWells
JLWood

140694
QUALITY ACTION REQUEST

TO: G. EAGLE
FROM: E.B. POSER

094892

s/u: OGLH

AI#: AB065

From: WRBird/GREagle		①	
To: EMHughes	② Control Document ref.: SCRE 12	③ QAR Ident. No.: M-72	④
Action Requested: Bechtel Project Engineering's response to Consumers Power Company		⑤	
Safety Concern and Reportability Evaluation (SCRE) 12 (Com 084409) indicated that all buried, safety-related, stainless steel lines had been identified, inspected, and evaluated for reportability. A subsequent investigation has identified another buried, safety-related, stainless steel line (1"-OCCC-001).			
In light of this discovery, you are requested to address the following:			
1) Based on the specific location of the line, the type of stainless steel, the potential for an adverse effect of stray welding current corrosion on buried stainless steel lines, and prior evaluation results, determine the need for any inspection and/or evaluation of the identified line. (See page 2)			
Signature: <i>WRBird for WRBird</i>	⑥ Date: 11/17/82	⑦ Reply Requested by: 12/17/82	⑧
Reply:	⑨		
Project engineering's revised complete response is attached.			
Signature:		⑩ Date:	⑪
Action Verified:		⑫ Date:	⑬

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Action Requested (con't.)

Schedule and implement the action specified.

- 2) Provide documentation indicating that all buried, safety-related stainless steel lines requiring evaluation under SCRE 12 have been identified, evaluated, and dispositioned.

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This is project engineering's revised complete response to QAR M-72. This response supersedes project engineering's complete response dated January 6, 1984.

1. The actual corrective action taken to eliminate stray welding current was addressed in a memorandum to all welders, which outlined the requirements for grounding welding machines when welding in the yard. This memorandum was issued at the jobsite on March 31, 1981, and was subsequently added to the General Guidelines for Welders. All new welders are required to read the guidelines and sign to acknowledge their understanding of the content. △
2. The date of corrective action implementation was March 31, 1981.
3. Line OCCC-1 was installed January 15, 1981, and pneumatically tested at 2,750 psig on January 28, 1981. Review of daily field engineer reports for soils work at the jobsite indicates that line OCCC-1 was not backfilled until after April 2, 1981. This was after the memorandum outlining the requirements for grounding welding machines was issued, thus reducing the chance of stray welding current corrosion.

Borated water storage tank discharge lines 18"-1HCB-1, 18"-1HCB-2, 18"-2HCB-1, and 18"-2HCB-2 have been excavated and inspected in the area close to the plant grounding grid. The location was chosen as the likeliest to have experienced corrosion. The inspection disclosed no evidence of corrosion. Thus, it is concluded that the likelihood of corrosion is low for other lines, specifically for line OCCC-1.

Line OCCC-1 is the fill line for control room pressurization tanks OVT-28A and OVT-28B. These tanks are equipped with a common pressure indicator, OPI-6581A, and a low-pressure alarm, OPAL6581. If line OCCC-1 is corroded sufficiently to cause failure and leakage at pressure, the pressure indicator and alarm would immediately indicate to operating or test personnel that action is required.

Because the likelihood of corrosion is low and a failure would be readily detectable, no further inspection or evaluation of installed line OCCC-1 is necessary.

R.C. Heller

E.B. Poser
Project Engineering Manager

RCH/MRS/lmm(C)

1-20-84

140694

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R.C. Hollar
B. Kappel ✓

Written Response Requested: No

Com Use: NA

0695b