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July 18, 1984  
ANPP-29993-TDS/TRB

U. S. Nuclear Regulatory Commission  
Region V  
Creekside Oaks Office Park  
1450 Maria Lane - Suite 210  
Walnut Creek, CA 94596-5368

Attention: Mr. T. W. Bishop, Director  
Division of Resident  
Reactor Projects and Engineering Programs

Subject: Interim Report - DER 84-42  
A 50.55(e) Potentially Reportable Deficiency Relating To  
Environmentally Qualified Torque Switches Were Replaced With  
Unqualified Switches.  
File: 84-019-026; D.4.33.2

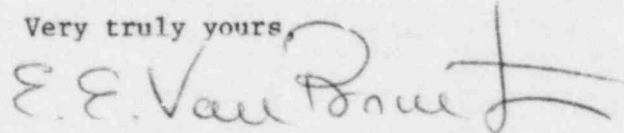
Reference: Telephone Conversation between J. Bell and T. Bradish on  
June 18, 1984

Dear Sir:

The NRC was notified of a potentially reportable deficiency in the referenced telephone conversation. At that time, it was estimated that a determination of reportability would be made within thirty (30) days.

Due to the extensive investigation and evaluation required, an Interim Report is attached. It is now expected that this information will be finalized by August 20, 1984, at which time a complete report will be submitted.

Very truly yours,



E. E. Van Brunt, Jr.  
APS Vice President  
Nuclear Production  
ANPP Project Director

EEVB/TRB:db  
Attachment

cc: See Page Two

Mr. T. W. Bishop  
DER 84-42  
Page Two

cc: Richard DeYoung, Director  
Office of Inspection and Enforcement  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

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INTERIM REPORT - DER 84-42  
POTENTIAL REPORTABLE DEFICIENCY  
ARIZONA PUBLIC SERVICE COMPANY (APS)  
PVNGS UNITS 1, 2, 3

I. Potential Problem

Design Change Package (DCP) 10M-SI-302 was issued to replace environmentally unqualified torque switches in motor operators on valves IJSIA-UV-674 and 676 with qualified switches as part of NUREG-0588 implementation. This work was completed in September 1983 by Work Orders 23744 and 23749.

On October 16, 1983, Startup Work Authorization (SWA) 15370/NCR SE-3095 was issued to troubleshoot the motor operators. The work accomplished under the SWA inadvertently removed the qualified torque switches from these motor operators and replaced them with the (previously removed) unqualified switches. On October 20, 1983, SFR/NCR SE-3179 was issued to document the fact that the original unqualified torque switches were in the motor operators on valves IJSIA-UV-674 and -676.

II. Approach To and Status of Proposed Resolution

There are two specific areas of concern resulting from this deficiency:

1. Placement of unqualified torque switches on valves SI 674 and 676 motors which are used for containment recirculation sump outboard isolation, may impair the safety function of those valves. Combustion Engineering, the supplier of the valves has been notified and requested to provide a determination of safety implications by August 1, 1984.
2. The apparent absence of procedural controls to preclude substitution of environmentally qualified parts with unqualified components may cause recurrence of this condition.

Bechtel engineering is currently reviewing this problem with APS to ascertain the root cause of this condition and proper corrective action.

III. Projected Completion of Corrective Action and Submittal of the Final Report

The complete evaluation and final report are forecast to be completed by August 20, 1984.