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September 12, 1984
ANPP-30493-TDS/TRB REGION V/ST

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 84-61
A 50.55(e) Potentially Reportable Deficiency Relating To
Auxiliary Pressurizer Spray System.
File: 84-019-026; D.4.33.2

Reference: Telephone Conversation between D. Hollenbach and T. Bradish on
August 14, 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 October 21, 1984, at which time a complete report will be
submitted.

Very truly yours,

E. E. Van Brunt / *TRB*

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

EEVB/TRB/nj
Attachment

cc: See Page Two

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Mr. T. W. Bishop
DER 84-61
Page Two

cc: Richard DeYoung, Director
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U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

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INTERIM REPORT - DER 84-61
POTENTIAL REPORTABLE DEFICIENCY
ARIZONA PUBLIC SERVICE COMPANY (APS)
PVNGS UNITS 1, 2, 3

I. Potential Problem

A review of the Auxiliary Pressurizer Spray System (APSS) indicates the system may lose the capability of performing its intended function. Should loop charging valve CH-PDV-240 mechanically stick open, insufficient APSS flow toward the pressurizer could result.

II. Approach To and Status Of Proposed Resolution

Combustion Engineering (C-E) has been notified by Bechtel of this deficient condition. Bechtel is awaiting C-E's formal response prior to submitting a final report on the resolution of the problem. Engineering of DCPs 1SM, 2SM, and 3CM-CH-197, Rev. 0, have been initiated to add a fail-closed pneumatically operated valve in series with valve CH-240, thereby eliminating the potential single failure concern for the APSS. The DCP for Unit 1 will be implemented prior to fuel load.

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

Evaluation of this condition and submittal of the Final Report is forecast to be completed by October 21, 1984.