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June 29, 1984 REGION V/MSF
ANPP-29867-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 84-40
A 50.55(e) Potentially Reportable Deficiency Relating To
Unit 2 Auxiliary Feedwater Pump Has Corrosion.
File: 84-019-026; D.4.33.2

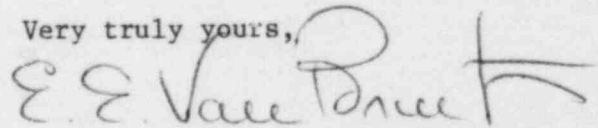
Reference: Telephone Conversation between J. Ball and T. Bradish on
June 5, 1984

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 September 21, 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

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Mr. T. W. Bishop
DER 84-40
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 84-40
POTENTIAL REPORTABLE DEFICIENCY
ARIZONA PUBLIC SERVICE COMPANY (APS)
PVNGS UNIT 2

I. Potential Problem

The impeller assemblies for Auxiliary Feedwater pumps 2-M-AFA-P01 and 2-M-AFB-P01 were observed to be corroded. Analysis of the corrosion deposits show the presence of bacteria associated with "Microbiologically Influenced Corrosion", or MIC. Examination of the pump case for the most corroded impeller assembly, 2-M-AFA-P01 shows corrosion and evidence of MIC. The extent of damage and the extent of MIC in the auxiliary feedwater system is presently unknown.

II. Approach To and Status of Proposed Resolution

Examination by dye penetrant, grinding, and x-ray of the pump case and x-ray of nearby pipe welds shows no damage from MIC.

Bechtel engineering is currently corresponding with the vendor on this problem to determine reportability and technical justification for corrective action.

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 September 21, 1984.