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Arizona Public Service Company

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April 15, 1983
ANPP-23513-RQT/BSK

REGIONAL

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

Attention: Mr. D. M. Sternberg, Chief
Reactor Projects Branch 1

Subject: Interim Report - DER 83-15
A 50.55(e) Potentially Reportable Deficiency Relating to
A354 Anchor Bolt From Marathon Broke Under Installation Torque
After Test Acceptance
File: 83-019-026; D.4.33.2

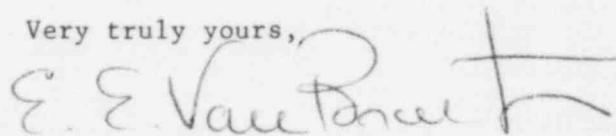
Reference: Telephone Conversation between P. Narbut and R. Tucker on
March 18, 1983

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 May 19, 1983, at which time a complete report will be
submitted.

Very truly yours,



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

EEVB/RQT:db
Attachment

cc: See Attached Page 2

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PDR ADOCK 05000529
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U. S. Nuclear Regulatory Commission
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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 83-15
POTENTIAL REPORTABLE DEFICIENCY
ARIZONA PUBLIC SERVICE COMPANY (APS)
PVNGS UNIT 2

I. POTENTIAL PROBLEM

During verification of installation torque of Column 9 anchor studs in Unit 2 Containment Building, a one inch (1") diameter ASTM A354 Grade BD anchor stud supplied by Marathon Steel broke in the threaded portion (Drawing 13-C-ZCS-620 Emed No. 322, Bolt D). The stud has a documented EQUOTIP Hardness of L = 578 and the specified installation torque is 1,071 ft.-lbs.

An engineering review of this condition has limited the problem to the identified Column 9 embedded studs as follows:

- a) There is evidence of overtorquing on other studs which secure Column 9.
- b) The other identical installations (Column 10 of Unit 2 and Columns 9 and 10 of Unit 3) have been verified to be torqued to the specified values with no problems.
- c) The torque wrench used for this particular installation has been checked and found to be within calibration requirements.

II. APPROACH TO AND STATUS OF PROPOSED RESOLUTION

Column 9 serves as a pipe whip restraint in the event of a Main Steam System break. Should the subject condition remain uncorrected, Column 9 could potentially be unable to perform this safety-related function. Since this condition could adversely affect safety of operations and represents a significant deficiency in construction which requires extensive remedial action, it is reportable under the requirements of 10CFR50.55(e).

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 May 19, 1983.