

Arizona Public Service Company

P.O. BOX 21666 • PHOENIX, ARIZONA 85036

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November 30, 1983

ANPP-28323-BSK/KCP

REGION V

U. S. Nuclear Regulatory Commission
Region V
Creskide 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, Revision 1 - DER 83-53
A 50.55(e) Potentially Reportable Deficiency Relating to
Unit 3 Embed Plates Do Not Meet Specification on WPP/QCI
Requirements.
File: 83-019-026; D.4.33.2

Reference: A) Telephone Conversation between P. Narbut and R. Tucker
on August 1, 1983

B) ANPP-27597, dated August 26, 1983 (Interim Report)

Dear Sir:

The NRC was notified of a potentially reportable deficiency in
Reference A, and an Interim Report was transmitted by Reference B. At
that time, it was estimated that a Final Report would be available by
November 30, 1983.

Due to the extensive investigation and evaluation required, a revised
Interim Report is attached. It is now expected that this information
will be finalized by February 15, 1984, at which time a complete report
will be submitted.

Very truly yours,

E. E. Van Brunt

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

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Attachment

cc: See Page Two

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Mr. T. W. Bishop
DER 83-53
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 - REVISION 1 - DER 83-53
POTENTIAL REPORTABLE DEFICIENCY
ARIZONA PUBLIC SERVICE COMPANY (APS)
PVNGS UNIT 3

I. POTENTIAL PROBLEM

Construction installation of Type N embed plates in Containment 3 failed to meet specification and WPP/QCI requirements.

A damaged beam in NW Qual at the 100' 6" elevation was being removed per NCR CC-4043 disposition, when it was discovered that two (2) Type N insert plates were installed without the four (4) 1" X 9" lg. anchor bolts. Concrete post-placement inspection of insert plates for 3C081 has not yet been performed.

In addition the following listed NCRs summarize the embed plant/anchor bolt problems by specific NCR number.

NCR NO.	TOTAL NO. EMBED PLATES	TOTAL EMBED PLATES WITH OBSCURED BOLTS	TOTAL BOLTS OBSCURED	TOTAL POLTS REQUIRING PLUG WELDING	TOTAL BOLTS MISSING
CG-4259	78	9	14	153	2
CF-4260	593	477	1136	197	2
CJ-4261	183	19	32	352	2
CC-4262	73	22	101	90	3
CC-4263	53	49	98	4	1
CY-4264	11	5	8	11	0
CC-4265	52	10	15	86	1
CC-4266	223	61	279	340	1
CA-4267	165	3	24	239	8

II. APPROACH TO AND STATUS OF PROPOSED RESOLUTION

An Engineering walkdown team was formed to investigate embedded plates listed in the NCRs to determine the structural adequacy of the cited embedded plates. The results to date can be summarized as follows:

1. The anchor bolts with visible insufficient thread engagement were plug welded in accordance with Section 7.4 of Specification No. 13-CM-308.
2. Embedded plates with identified missing bolts (1 or 2 missing bolts per plate) were evaluated individually, and found to be structurally acceptable as the "as built" plate design capacities are higher than the applied loads. However, DCNs have been issued for all the plates with missing bolts to prevent additional attachments or loads.
3. The two defective type N plates in the Unit 3 Containment Building were replaced by new plates with Maxi-bolts (documented in NCR CC-4201).



4. One embedded plate on the Turbine Pedestal with all bolts missing was removed by DCN and deleted from Unit 3 engineering design drawing.
5. Embedded plates with bolts covered by attachments were evaluated individually and all were found to be structurally acceptable except for 3 embedded plates in the Containment Building which still are under investigation.

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 February 15, 1984.

