

Arizona Public Service Company

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June 27, 1983

ANPP-24179-BSK/RQT

REGION V 186

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

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

Subject: Interim Report - DER 83-34
A 50.55(e) Potentially Reportable Deficiency Relating to
Instrument Racks In Unit 2 Containment Have Surface Cracks On
Various Welds To Embed Plates
File: 83-019-026; D.4.33.2

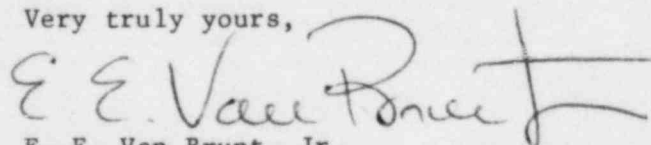
Reference: Telephone Conversation between T. Young and J. Cook
on May 27, 1983

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 September 20, 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:ru

Enclosure

cc: Page 2

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U. S. Nuclear Regulatory Commission
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 83-34
POTENTIAL REPORTABLE DEFICIENCY
ARIZONA PUBLIC SERVICE COMPANY (APS)
PVNGS UNIT 2

I. Potential Problem

During a Quality Control Inspection of installed Containment instrumentation racks, visual inspection revealed surface cracks on various welds. The stainless steel instrument wall rack assemblies, provided by Combustion Engineering (C-E) for supporting the NSSS related instrument tubing within Containment, were shimmed and field welded by Bechtel Construction to carbon steel embedded wall plates. The construction requirements are contained in C-E drawing E-14273-510-001 Rev. 4, which specifies 3/16" fillet welds (per AWS D1-1) using either tungsten inert gas or shielded metal arc welding procedures. A tungsten inert gas welding procedure was used in Unit 2 with the resulting surface cracks while Unit 1 used a shielded metal arc welding procedure and did not experience any problem.

II. Approach To and Status of Proposed Resolution

Bechtel is currently examining the Unit 2 defective welds to determine the extent of the problem and to define 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 20, 1983.