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REGION V

August 1, 1983
ANPP-27471-BSK/RQT

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 83-39
A 50.55(e) Potentially Reportable Deficiency Relating to Rejectable Indications on CE Supplied Unit 1 Reactor Coolant Pump 1A.
File: 83-019-026; D.4.33.2

Reference: Telephone Conversation between A. D'Angelo and R. Tucker on July 1, 1983.

Dear Sir:

The NRC was notified of a potentially reportable deficiency in the referenced telephore 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 27, 1983, 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

EEVBJr./RQT:rb
Enclosure

cc: See Page Two

1/1 JE27

cc: Richard DeYoung, Director
Office of Inspection and Enforcement
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

T. G. Woods, Jr.
G. C. Andognini
J. A. Roedel
D. B. Fasnacht
A. C. Rogers
B. S. Kaplan
W. E. Ide
J. Vorees
J. R. Bynum
P. P. Klute/D. D. Green
A. C. Gehr
W. J. Stubblefield
W. G. Bingham
R. L. Patterson
R. W. Welcher
R. M. Grant
D. R. Hawkinson
L. E. Vorderbrueggen
G. A. Fiorelli
S. R. Frost
J. Self

Records Center
Institute of Nuclear Power Operations
1100 Circle 75 Parkway - Suite 1500
Atlanta, Georgia 30339

8/1/83

INTERIM REPORT - DER 83-39
POTENTIAL REPORTABLE DEFICIENCY
ARIZONA PUBLIC SERVICE COMPANY (APS)
PVNGS UNIT 1

I. POTENTIAL PROBLEM

On a recent re-examination and comparison between the Preservice Examination Ultrasonic (UT) data and the construction Radiographs (RT) for the Combustion Engineering (C-E) furnished Reactor Coolant Pump 1A/IMRCEPOIA, two linear indications were found. The indications exist in the circumferential weld of the pump casing.

One of the RT indications found measures 3 inches long; the second measures 3/4 inches long. Both exist within a length of 6 inches. Subsequent examinations have shown that these indications are approximately 3.2 inches in from the outside diameter of the casing with no perceptible through wall dimension. The base metal of the casing in this area is 5-5/8 inches thick. The linear indications are acceptable to the ASME Section III UT acceptance criteria but do not meet the ASME Section III RT acceptance criteria. A Fracture Mechanics Analysis has been performed by C-E on the casing using conservative parameters. The analysis assumed: (1) the indications have a through wall dimension of 3/4 inches; and (2) the indication is a sharp crack extending around the entire circumference of the casing.

II. APPROACH TO AND STATUS OF PROPOSED RESOLUTION

Bechtel is continuing to correspond with CE on this matter to determine reportability.

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 27, 1983.