

Arizona Public Service Company

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September 25, 1984
ANPP-30643-TDS/TRB REGION V/144

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

Attention: Mr. T. W. Bishop, Director
Division of Resident
Reactor Projects and Engineering Programs

Subject: Interim Report - DER 84-60
A 50.55(e) Potentially Reportable Deficiency Relating to
Improper Lubricant Used In Limitorque Valve Operators.
File: 84-019-026; D.4.33.2

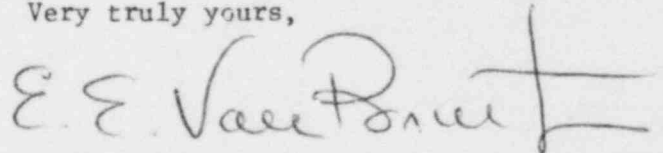
Reference: Telephone Conversation between D. Hollenbach and T. Bradish on
August 27, 1984

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 October 30, 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/nj
Attachment

cc: See Page Two

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Mr. T. W. Bishop
DER 84-60
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 84-60
POTENTIAL REPORTABLE DEFICIENCY
ARIZONA PUBLIC SERVICE (APS)
PVNGS UNIT 1

I. Potential Problem

Limatorque type SMB valve operator Instruction & Maintenance Manual (Bulletin SMB1-82) notes on page 12 that Sun Oil Co. 50 EP type lubricant was the standard lubricant for operators with serial numbers up to 295809. It is further noted on page 12 that Sun 50 EP (lithium lead base) cannot be mixed with Nebula EP-0 (calcium complex base).

During development of the preventative maintenance program, a computer search was performed on limatorque type SMB valve operators. A total of 50 such limatorque valve operators were identified as having serial numbers below 295809, and were presumably initially lubricated with Sun 50 EP. All 50 valve actuators were lubricated subsequent to delivery to the jobsite with Nebula EP-1 lubricant, which is a calcium complex base lubricant. Ability of valves to function as required is indeterminate.

In addition, Sun 50 EP lubricant is not qualified for use inside containment. Ten of the 50 subject valves are located inside containment.

II. Approach To and Status Of Proposed Resolution

Bechtel Engineering is corresponding with Combustion Engineering (C-E) and Limatorque Corporation to determine reportability and the corrective action. C-E has forecast September 21, 1984 for their input and Limatorque has forecast September 28, 1984 for their input.

III. Projected Completion of Corrective Action and Submittal of the Final Report

The complete evaluation and final report are forecast to be completed by October 30, 1984.