

RECEIVED  
NRC

Arizona Public Service Company

1984 SEP 28 PM 12:34

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

U. S. Nuclear Regulatory Commission  
Region V  
Creekside 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

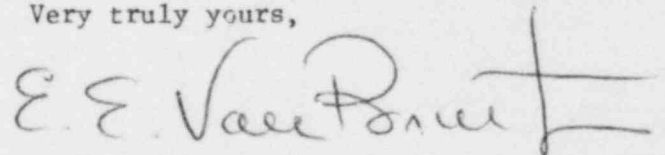
Reference: Telephone Conversation between D. Hollenbach and T. Bradish on  
August 27, 1984

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

8410160134 840925  
PDR ADOCK 05000528  
S PDR

IE-27, 11

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

T. G. Woods, Jr.  
D. B. Karner  
W. E. Ide  
D. B. Fasnacht  
A. C. Rogers  
L. A. Souza  
D. E. Fowler  
T. D. Shriver  
C. N. Russo  
J. R. Bynum  
J. M. Allen  
A. C. Gehr  
W. J. Stubblefield  
W. G. Bingham  
R. L. Patterson  
R. W. Welcher  
H. D. Foster  
D. R. Hawkinson  
R. P. Zimmerman  
L. Clyde  
M. Woods  
T. J. Bloom

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

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.