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 LEVINE, J.M. Arizona Public Service Co. (formerly Arizona Nuclear Power
 RECIP. NAME RECIPIENT AFFILIATION
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SUBJECT: Special rept 1-SR-96-01 on: 960225, unit 1 turbine tripped followed by reactor power cutback. Caused by lightning strike. Unit 1 will not be connected to grid until repairs can be made to C neutral bushing of transformer.

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Arizona Public Service Company

PALO VERDE NUCLEAR GENERATING STATION
P O BOX 52034 • PHOENIX, ARIZONA 85072-2034

192-00962-JML/BAG/BE

March 1, 1996

JAMES M. LEVINE
VICE PRESIDENT
NUCLEAR PRODUCTION

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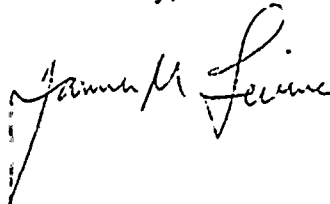
Dear Sirs:

Subject: Palo Verde Nuclear Generating Station (PVNGS)
Unit 1
Docket No. STN 50-528 (License No. NPF-41)
Special Report 1-SR-96-001

Enclosed please find Special Report 1-SR-96-001 prepared and submitted pursuant to PVNGS Emergency Plan Implementing Procedure (EPIP-03), "Emergency Classification Implementing Actions". This report discusses a condition requiring the declaration of a Notification of Unusual Event due to an lightning strike affecting the Protected Area resulting in visible damage to permanent structures or equipment.

If you have any questions, please contact Burton A. Grabo, Section Leader, Nuclear Regulatory Affairs, at (602) 393-6492.

Sincerely,



JML/BAG/BE/pv

Attachment

cc: L. J. Callan (all with attachment)
K. E. Perkins
K. E. Johnston

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PDR ADOCK 05000528
S PDR



ENCLOSURE

PALO VERDE NUCLEAR GENERATING STATION UNIT 1

Notification of Unusual Event

DOCKET NO. 50-528, LICENSE NO. NPF-41

SPECIAL REPORT 1-SR-96-001

PALO VERDE NUCLEAR GENERATING STATION UNIT 1

Notification of Unusual Event

DOCKET NO. 50-528, LICENSE NO. NPF-41

SPECIAL REPORT 1-SR-96-001

This Special Report is being provided pursuant to PVNGS Emergency Plan Implementing Procedure (EPIP-03), "Emergency Classification Implementing Actions" to report a condition requiring the declaration of a Notification of Unusual Event (NUE) for Palo Verde Unit 1 at approximately 2032 MST on February 25, 1996. The NUE was terminated at approximately 2046 MST on February 25, 1996.

On February 25, 1996, at approximately 2017 MST, Palo Verde Unit 1 was operating at approximately 100 percent power in Mode 1 (POWER OPERATION) when a lightning strike occurred on the "C" phase of Main Transformer NBNX01 resulting in a turbine trip followed by a reactor power cutback. At approximately the same time, Unit 3 experienced a main turbine trip due to a Power Load Unbalance on the grid.

At approximately 2032 MST, it was determined that a lightning strike affecting the Protected Area had occurred and the event was classified as a NUE in accordance with EPIP-02. The Nuclear Regulatory Commission (NRC) Operations Center was notified at approximately 2110 MST.

At approximately 2046 MST on February 25, 1996, the NUE was terminated in accordance with EPIP-03. Unit 1 will not be connected to the grid until repairs can be made to the "C" and neutral bushing of Main Transformer NBNX01. Unit 3 experienced no major complications or equipment problems and has restarted. Further investigation into the circumstances surrounding this event is being performed in accordance with the APS Incident Investigation Program. The results of the investigation will be reported pursuant to 10CFR50.73.