

January 19, 1990

Docket Nos. 50-529

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Mr. William F. Conway  
 Executive Vice President  
 Arizona Public Service Company  
 Post Office Box 52034  
 Phoenix, Arizona 85072-2034

Dear Mr. Conway:

SUBJECT: AMENDMENT NO. 30 TO FACILITY OPERATING LICENSE NO. NPF-51,  
 PALO VERDE NUCLEAR GENERATING STATION, UNIT 2 (TAC NO. 75217)

By letter dated December 22, 1989, we issued Amendment No. 30 to Facility Operating License No. NPF-51, which granted a one-time extension of certain surveillances from their 18-month surveillance requirement until the next refueling outage for Unit 2. In that letter, the page which contained the revised Technical Specification (TS) Surveillance Requirement 4.3.2.3. regarding Engineered Safety Features Actuation System Instrumentation was inadvertently omitted.

Enclosed is the revised TS page. We regret any inconvenience this might have caused.

Sincerely,

original signed by Terence Chan  
 Terence L. Chan, Senior Project Manager  
 Project Directorate V  
 Division of Reactor Projects III,  
 IV, V and Special Projects  
 Office of Nuclear Reactor Regulation

Enclosure:  
 As stated

cc: See next page

OFC	: DRSP/PDV	: DRSP/PDV	: (A) DRSP/PDV	:	:	:	:
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UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

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Mr. William F. Conway  
Executive Vice President  
Arizona Public Service Company  
Post Office Box 52034  
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Enclosed is the revised TS page. We regret any inconvenience this might have caused.

Sincerely,

A handwritten signature in black ink, appearing to read "Terence L. Chan", written over a large, stylized flourish.

Terence L. Chan, Senior Project Manager  
Project Directorate V  
Division of Reactor Projects III,  
IV, V and Special Projects  
Office of Nuclear Reactor Regulation

Enclosure:  
As stated

cc: See next page

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INSTRUMENTATION

3/4.3.2 ENGINEERED SAFETY FEATURES ACTUATION SYSTEM INSTRUMENTATION

LIMITING CONDITION FOR OPERATION

3.3.2 The Engineered Safety Features Actuation System (ESFAS) instrumentation channels and bypasses shown in Table 3.3-3 shall be OPERABLE with their trip setpoints set consistent with the values shown in the Trip Setpoint column of Table 3.3-4 and with RESPONSE TIMES as shown in Table 3.3-5.

APPLICABILITY: As shown in Table 3.3-3.

ACTION:

- a. With an ESFAS instrumentation channel trip setpoint less conservative than the value shown in the Allowable Values column of Table 3.3-4, declare the channel inoperable and apply the applicable ACTION requirement of Table 3.3-3 until the channel is restored to OPERABLE status with the trip setpoint adjusted consistent with the Trip Setpoint value.
- b. With an ESFAS instrumentation channel inoperable, take the ACTION shown in Table 3.3-3.

SURVEILLANCE REQUIREMENTS

4.3.2.1 Each ESFAS instrumentation channel shall be demonstrated OPERABLE by the performance of the CHANNEL CHECK, CHANNEL CALIBRATION and CHANNEL FUNCTIONAL TEST operations for the MODES and at the frequencies shown in Table 4.3-2.

4.3.2.2 The logic for the bypasses shall be demonstrated OPERABLE during the at power CHANNEL FUNCTIONAL TEST of channels affected by bypass operation. The total bypass function shall be demonstrated OPERABLE at least once per 18 months during CHANNEL CALIBRATION testing of each channel affected by bypass operation.

4.3.2.3 The ENGINEERED SAFETY FEATURES RESPONSE TIME of each ESFAS function shall be demonstrated to be within the limit at least once per 18 months.\* Each test shall include at least one channel per function such that all channels are tested at least once every N times 18 months where N is the total number of redundant channels in a specific ESFAS function as shown in the "Total No. of Channels" Column of Table 3.3-3.

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\*Deferred until cycle 3 refueling outage.

TABLE 3.3-3

ENGINEERED SAFETY FEATURES ACTUATION SYSTEM INSTRUMENTATION

<u>ESFA SYSTEM FUNCTIONAL UNIT</u>	<u>TOTAL NO. OF CHANNELS</u>	<u>CHANNELS TO TRIP</u>	<u>MINIMUM CHANNELS OPERABLE</u>	<u>APPLICABLE MODES</u>	<u>ACTION</u>
I. SAFETY INJECTION (SIAS)					
A. Sensor/Trip Units					
1. Containment Pressure - High	4	2	3	1, 2, 3, 4	13*, 14*
2. Pressurizer Pressure - Low	4	2	3	1, 2, 3(a), 4(a)	13*, 14*
B. ESFA System Logic					
1. Matrix Logic	6	1	3	1, 2, 3, 4	17
2. Initiation Logic	4(c)	2(d)	4	1, 2, 3, 4	12
3. Manual SIAS (Trip Buttons)	4(c)	2(d)	4	1, 2, 3, 4	12
C. Automatic Actuation Logic	2	1	2	1, 2, 3, 4	16
II. CONTAINMENT ISOLATION (CIAS)					
A. Sensor/Trip Units					
1. Containment Pressure - High	4	2	3	1, 2, 3	13*, 14*,
2. Pressurizer Pressure - Low	4	2	3	1, 2, 3(a)	13*, 14*
B. ESFA System Logic					
1. Matrix Logic	6	1	3	1, 2, 3	17
2. Initiation Logic	4(c)	2(d)	4	1, 2, 3, 4	12