

John K. Wood
Vice President, Nuclear

440-280-5224
Fax: 440-280-8029

August 21, 2000
PY-CEI/NRR-2512L

United States Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

Perry Nuclear Power Plant
Docket No. 50-440
Supplemental Information Related to a License Amendment
Requesting a 24-Month Operating Cycle (TAC No. MA5930)

Ladies and Gentlemen:

By letter dated June 17, 1999 (PY-CEI/NRR-2398L), a license amendment request was submitted to support a 24-month operating cycle. The proposed license amendment request, as supplemented by a letter dated May 9, 2000 (PY-CEI/NRR-2484L), contained changes to two instrumentation Allowable Values (AVs). The June 17, 1999 letter stated that these AV changes would be implemented during Refueling Outage (RFO) 8. It has been determined that one of these AV changes, the "Degraded Voltage - Time Delay, No LOCA" function contained on Table 3.3.8.1-1, "Loss of Power Instrumentation", Item 1.d, would require multiple diesel generators to be declared inoperable when the change is implemented. This is due to the new (proposed) AV range having no overlap with the current AV range. To minimize the impact upon diesel generator operability, the PNPP staff requests the addition of a footnote to the new (proposed) AV range, which will permit the field setpoint to be within a range encompassing both the AV ranges, until the end of RFO8. Therefore, the footnote will specify the AV is temporarily bounded by a range from ≥ 180 seconds to ≤ 330 seconds (330 seconds equals 5.5 minutes, which is the current upper bound of the AV range). Upon restart from RFO8, only the new AV range of ≥ 180 seconds to ≤ 270 seconds will be applicable. A revised mark-up of Technical Specification page 3.3-76 is attached. In addition, Commitment #4 in Attachment 1 (pg. 12) of the June 17, 1999 letter is clarified to state that the AV changes will be implemented no later than the end of RFO8, rather than during RFO8.

This clarifying footnote does not affect the Significant Hazards Consideration included in the June 17, 1999 letter.

If you have questions or require additional information, please contact Mr. Gregory A. Dunn, Manager - Regulatory Affairs, at (440) 280-5305.

Very truly yours,



for John K. Wood

Attachment

cc: NRC Project Manager
NRC Resident Inspector
NRC Region III
State of Ohio

A001

Table 3.3.8.1-1 (page 1 of 1)
Loss of Power Instrumentation

Attachment 1
PY-CEI/NRR-2512L
Page 1 of 1

FUNCTION	REQUIRED CHANNELS PER DIVISION	SURVEILLANCE REQUIREMENTS	ALLOWABLE VALUE
1. 4.16 kV Emergency Bus Undervoltage			
a. Loss of Voltage - 4.16 kV basis	2/bus	SR 3.3.8.1.3 SR 3.3.8.1.4	≥ 2859 V and ≤ 3161 V
b. Loss of Voltage - Time Delay	2/bus	SR 3.3.8.1.3 SR 3.3.8.1.4	≥ 2.85 seconds and ≤ 3.15 seconds
c. Degraded Voltage - 4.16 kV basis	2/bus	SR 3.3.8.1.1 SR 3.3.8.1.2 SR 3.3.8.1.3 SR 3.3.8.1.4	≥ 3760 V and ≤ 3840 V
d. Degraded Voltage - Time Delay, No LOCA	2/bus	SR 3.3.8.1.3 SR 3.3.8.1.4	≥ 4.5 minutes and ≤ 5.5 minutes
e. Degraded Voltage - Time Delay, LOCA	2/bus	SR 3.3.8.1.3 SR 3.3.8.1.4	≥ 13.5 seconds and ≤ 16.5 seconds

≤ 270 seconds (a)

≥ 9

≥ 13.5 seconds and ≤ 16.5 seconds

≥ 180 SECONDS AND

(a) The ALLOWABLE VALUE for FUNCTION 1.d may be ≥ 180 seconds and ≤ 330 seconds until the end of RFO8.

This Supplement

Table 3.3.8.1-1 (page 1 of 1)
Loss of Power Instrumentation

FUNCTION	REQUIRED CHANNELS PER DIVISION	SURVEILLANCE REQUIREMENTS	ALLOWABLE VALUE
1. 4.16 kV Emergency Bus Undervoltage			
a. Loss of Voltage—4.16 kV basis	2/bus	SR 3.3.8.1.3 SR 3.3.8.1.4	$\geq 2859 \text{ V}$ and $\leq 3161 \text{ V}$
b. Loss of Voltage—Time Delay	2/bus	SR 3.3.8.1.3 SR 3.3.8.1.4	≥ 2.85 seconds and ≤ 3.15 seconds
c. Degraded Voltage—4.16 kV basis	2/bus	SR 3.3.8.1.1 SR 3.3.8.1.2 SR 3.3.8.1.3 SR 3.3.8.1.4	$\geq 3760 \text{ V}$ and $\leq 3840 \text{ V}$
d. Degraded Voltage—Time Delay, No LOCA	2/bus	SR 3.3.8.1.3 SR 3.3.8.1.4	≥ 180 seconds and ≤ 270 seconds ^(a)
e. Degraded Voltage—Time Delay, LOCA	2/bus	SR 3.3.8.1.3 SR 3.3.8.1.4	≥ 9 seconds and ≤ 16.5 seconds

(a) The ALLOWABLE VALUE for FUNCTION 1.d may be ≥ 180 seconds and ≤ 330 seconds until the end of RF08.