

TABLE 3.3-2

REACTOR PROTECTIVE INSTRUMENTATION RESPONSE TIMES

<u>FUNCTIONAL UNIT</u>	<u>RESPONSE TIME</u>
1. Manual Reactor Trip	Not Applicable
2. Linear Power Level - High	< 0.40 seconds*
3. Logarithmic Power Level - High	< 0.40 seconds*
4. Pressurizer Pressure - High	< 0.90 seconds
5. Pressurizer Pressure - Low	< 0.90 seconds
6. Containment Pressure - High	< 0.90 seconds
7. Steam Generator Pressure - Low	< 0.90 seconds
8. Steam Generator Level - Low	< 0.90 seconds
9. Local Power Density - High	
a. Neutron Flux Power from Excore Neutron Detectors	< 0.68 seconds*
b. CEA Positions	< 0.68 seconds**
c. CEA Positions: CEAC Penalty Factor	< 0.53 seconds
10. DNBR - Low	
a. Neutron Flux Power from Excore Neutron Detectors	< 0.68 seconds*
b. CEA Positions	< 0.68 seconds**
c. Cold Leg Temperature	< 0.68 seconds##
d. Hot Leg Temperature	< 0.68 seconds##
e. Primary Coolant Pump Shaft Speed	< 0.68 seconds#
f. Reactor Coolant Pressure from Pressurizer	< 0.68 seconds
g. CEA positions: CEAC Penalty Factor	< 0.53 seconds

SAN ONOFRE-UNIT 2

3/4 3-8

AMENDMENT NO. 88