CHAPTER 7

INSTRUMENTATION AND CONTROLS

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CHAPTER 7

INSTRUMENTATION AND CONTROLS

7.1 INTRODUCTION

This section of the referenced DCD is incorporated by reference with no departures or supplements.

7.2 REACTOR TRIP

This section of the referenced DCD is incorporated by reference with no departures or supplements.

7.3 ENGINEERED SAFETY FEATURES

This section of the referenced DCD is incorporated by reference with no departures or supplements.

7.4 SYSTEMS REQUIRED FOR SAFE SHUTDOWN

This section of the referenced DCD is incorporated by reference with no departures or supplements.

7.5 SAFETY-RELATED DISPLAY INFORMATION

This section of the referenced DCD is incorporated by reference with the following departures and/or supplements.

LNP SUP 7.5-1 FSAR Table 7.5-201 supplements DCD Tables 7.5-1 and 7.5-8 and provides the site specific information noted in the “Remarks” column of DCD Table 7.5-1 and in the “Variable” column of DCD Table 7.5-8.

LNP SUP 7.5-1

Table 7.5-201[a]
Post-Accident Monitoring System

Variable	Range / Status	Number of Instruments Required	Remarks
Boundary environs radiation			Ranges for portable environ radiation instruments are taken from RG 1.97 Revision 3
Airborne Radiohalogens and Particulates (Portable)	10^{-9} µCi/cc to 10^{-3} µCi/cc	N/A	
Plant and Environs Radioactivity (portable instruments)	10^{-3} R/hr to 10^{-4} R/hr, photons 10^{-3} rads/hr to 10^{-4} rads/hr, beta radiations and low-energy photons	N/A	
Meteorological parameters	See Remarks	N/A	See FSAR Subsection 2.3.3 and Tables 2.3.3-201, 2.3.3-202

a) This Table supplements DCD Tables 7.5-1 and 7.5-8 and provides the site specific information noted in “Remarks” column of DCD Table 7.5-1 and in the “Variable” column of DCD Table 7.5-8.

7.6 INTERLOCK SYSTEMS IMPORTANT TO SAFETY

This section of the referenced DCD is incorporated by reference with no departures or supplements.

7.7 CONTROL AND INSTRUMENTATION SYSTEMS

This section of the referenced DCD is incorporated by reference with no departures or supplements.