

**Shearon Harris Nuclear Power Plant Units 2 and 3
COL Application
Part 2, Final Safety Analysis Report**

**CHAPTER 7
INSTRUMENTATION AND CONTROLS**

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None

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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.

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7.2 REACTOR TRIP

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

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7.3 ENGINEERED SAFETY FEATURES

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

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7.4 SYSTEMS REQUIRED FOR SAFE SHUTDOWN

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

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7.5 SAFETY-RELATED DISPLAY INFORMATION

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

HAR SUP 7.5-1 FSAR **Table 7.5-201** supplements DCD **Table 7.5-1** and provides variable data shown in the DCD Table as “site specific”.

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HAR 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} $\mu\text{Ci/cc}$ to 10^{-3} $\mu\text{Ci/cc}$	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.

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7.6 INTERLOCK SYSTEMS IMPORTANT TO SAFETY

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

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7.7 CONTROL AND INSTRUMENTATION SYSTEMS

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