# CHAPTER 7
# INSTRUMENTATION AND CONTROLS

## TABLE OF CONTENTS


| Section | Title | Page |
|---|---|---|
| 7.1 | INTRODUCTION | 7.1-1 |
| 7.2 | REACTOR TRIP | 7.2-1 |
| 7.3 | ENGINEERED SAFETY FEATURES | 7.3-1 |
| 7.4 | SYSTEMS REQUIRED FOR SAFE SHUTDOWN | 7.4-1 |
| 7.5 | SAFETY-RELATED DISPLAY INFORMATION | 7.5-1 |
| 7.6 | INTERLOCK SYSTEMS IMPORTANT TO SAFETY | 7.6-1 |
| 7.7 | CONTROL AND INSTRUMENTATION SYSTEMS | 7.7-1 |

LIST OF TABLES


| Number | Title |
|---|---|
| 7.5-201 | Post-Accident Monitoring Systems |
| 7.5-202 | Summary of Type E Variables |

# 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.

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

FSAR Table 7.5-202 supplements DCD Table 7.5-8 and provides variable data shown in DCD Table 7.5-8 as “site specific.”

WLS SUP 7.5-1

TABLE 7.5-201
POST-ACCIDENT MONITORING SYSTEMS[a]

| Variable Remarks | Range/ Status | Type/ Category | Qualification | | Number of Instruments Required | Power Supply | QDPS Indication (Note 2) | Remarks |
|---|---|---|---|---|---|---|---|---|
| | | | Environmental | Seismic | | | | |
| Boundary environs radiation | See Remarks | C3, E3 | None | None | See Remarks | Non-1E | No | Conforms to RG 1.97 |
| Meteorological Parameters | See Remarks | E3 | None | None | See Remarks | Non-1E | No | See FSAR Subsection 2.3.3 and Table 2.3-281. Conforms to RG 1.97 |

a) This Table supplements DCD Table 7.5-1 and provides the site specific information noted in the remarks column of DCD Table 7.5-1

WLS SUP 7.5-1

TABLE 7.5-202
SUMMARY OF TYPE E VARIABLES[a]

| Function Monitored | Variable | Type/Category |
|---|---|---|
| Environs Radiation and Radioactivity | Environs radiation and radioactivity parameters specified in RG 1.97 | E3 |
| Meteorology | Meteorological parameters specified in RG 1.97 | E3 |

a) This Table supplements DCD Table 7.5-8 and provides the site specific information noted 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.