

# SECTION 1

## TABLE OF CONTENTS

### INTRODUCTION AND GENERAL DESCRIPTION OF PLANT

<u>Section</u>	<u>Title</u>	<u>Page</u>
1.1	PROJECT IDENTIFICATION	1.1-1
1.2	PLANT SITE SUMMARY	1.2-1
1.2.1	Site Description	1.2-1
1.2.2	Meteorology	1.2-1
1.2.3	Geology and Hydrology	1.2-1
1.2.4	Seismology	1.2-2
1.2.5	Marine Ecology	1.2-2
1.2.6	Environmental Radiation Monitoring	1.2-2
1.2.7	Facility Safety Conclusions	1.2-2
1.3	SUMMARY PLANT DESCRIPTION	1.3-1
1.3.1	Structures	1.3-2
1.3.2	Nuclear Steam Supply System	1.3-3
1.3.3	Reactor and Plant Control	1.3-4
1.3.4	Waste Disposal System	1.3-4
1.3.5	Fuel Handling System	1.3-5
1.3.6	Turbine and Auxiliaries	1.3-5
1.3.7	Electrical System	1.3-6
1.3.8	Engineered Safety Features	1.3-7
1.4	IDENTIFICATION OF CONTRACTORS	1.4-1
1.5	REQUIREMENTS FOR FURTHER TECHNICAL INFORMATION	1.5-1
1.5.1	17 x 17 Fuel Assembly	1.5-1
1.5.1.1	Rod Cluster Control Spider Tests	1.5-1
1.5.1.2	Grid Tests	1.5-1
1.5.1.3	Fuel Assembly Structural Tests	1.5-1

TABLE OF CONTENTS (Cont)

<u>Section</u>	<u>Title</u>	<u>Page</u>
1.5.1.4	Guide Tube Tests	1.5-2
1.5.1.5	Prototype Assembly Tests	1.5-2
1.5.1.6	Departure from Nucleate Boiling Tests	1.5-2
1.5.1.7	Incore Flow Mixing	1.5-2
1.5.2	Other Programs	1.5-2
1.5.2.1	Generic Programs of Westinghouse	1.5-2
1.5.2.2	LOCA Heat Transfer Tests	1.5-3
1.5.3	References for Section 1.5	1.5-3
1.6	LIST OF ACRONYMS	1.6-1

LIST OF FIGURES

Figure

Title

1.2-1 General Site Plan