

1.0 INTRODUCTION AND GENERAL DESCRIPTION OF PLANT

1.1 INTRODUCTION

The Westinghouse Electric Corporation (hereinafter referred to as Westinghouse) has developed this Reference Safety Analysis Report (RESAR-SP/90) for the Westinghouse Advanced Pressurized Water Reactor (WAPWR) as part of its continuing efforts toward design and licensing standardization of nuclear power plants. RESAR-SP/90 is a standard safety analysis report submitted initially for Preliminary Design Approval (PDA) in accordance with Appendix O, "Standardization of Design; Staff Review of Standard Designs," to Part 50 of Title 10 of the Code of Federal Regulations (hereinafter referred to as 10CFR). The ultimate objective is to obtain a Final Design Approval (FDA) of RESAR-SP/90 followed by a rulemaking proceeding and design certification.

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1.2 GENERAL PLANT DESCRIPTION

1.2.2 Principal Design Criteria

RESAR-SP/90 is designed to comply with 10 CFR Part 50, Appendix A, "General Design Criteria for Nuclear Power Plants." The specific applications of General Design Criteria to RESAR-SP/90 are discussed in Section 3.1 of RESAR-SP/90 Module 7, "Structural/Equipment Design".

1.6 MATERIAL INCORPORATED BY REFERENCE

The WAPWR Waste Management Design Module incorporates, by reference, certain topical reports. The topical reports, listed in Table 1.6-1, have been filed previously in support of other Westinghouse applications.

The legend for the review status code letter follows:

- A - U.S. Nuclear Regulatory Commission review complete; USNRC acceptance letter issued.
- AE - U.S. Nuclear Regulatory Commission accepted as part of the Westinghouse emergency core cooling system (ECCS) evaluation model only; does not constitute acceptance for any purpose other than for ECCS analyses.
- B - Submitted to USNRC as background information; no undergoing formal USNRC review.
- O - On file with USNRC: older generation report with current validity; not actively under formal USNRC review.
- U - Actively under formal USNRC review.

TABLE 1.6-1
MATERIAL INCORPORATED BY REFERENCE

<u>Westinghouse Topical Report No.</u>	<u>Title</u>	<u>Revision Number</u>	<u>SAR Section Reference</u>	<u>Submitted to the NRC</u>	<u>Review Status</u>
WCAP-8253	Source Term Data for Westinghouse Pressurized Water Reactors	Rev. 1	11.1	2/76	B
WCAP-8370	Westinghouse Water Reactor Divisions Quality Assurance Plan	Rev. 9A Amend. 1	17.1	2/81	A

1.8 CONFORMANCE WITH THE STANDARD REVIEW PLAN

In accordance with 10CFR50.34(g), Table 1.8-1 of each PDA module identifies and evaluates deviations from the acceptance criteria of those sections of the NRC Standard Review Plan (NUREG-0800) pertinent to the subject module. No deviations have been identified for this module.