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DCP/NRC1408
NSD-NRC-98-5752
Docket No.: 52-003

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Document Control Desk
U. S. Nuclear Regulatory Commission
Washington, DC 20555

ATTENTION: T. R. QUAY

SUBJECT: AP600 ALWR URD CONFORMANCE UPDATE

Reference: Westinghouse Letter DCP/NRC1169, "Comparison of the AP600 Design Against the Utility Requirements Document," January 6, 1998.

Dear Mr. Quay:

This transmittal is provided in response to open item 1.1-2 in the May 1, 1998, Advance Final Safety Evaluation Report for the AP600 requesting an update of the comparison of the AP600 design to the NRC reviewed version of the ALWR Utility Requirements Document (URD). The reference provided the comparison with the URD through the end of 1997. This transmittal updates the changes in conformance since then.

Several changes to the plant design resulting from resolution of NRC comments and questions have resulted in additional minor variances with URD requirements. These include:

The URD design requirement of non-seismic building is designed to UBC Zone 2A with an Importance Factor of 1.0. The AP600 design requirement for the nonseismic radwaste building is UBC Zone 2A Importance Factor of 1.25. (URD Chapter 1, 4.3.2.3)

The AP600 design for fire protection has some minor variance with a strict reading of the URD requirements. (URD Chapter 3 - 2.3.3.4; Chapter 9 - 3.2.1.1, 3.3.1.1, & 3.4.3.3)

The URD takes the position that provision for a containment vent including a 36 inch diameter containment penetration is not required. The AP600 design includes a 36 inch diameter containment penetration that could be used for a future vent path design. (URD Chapter 1 Appendix B - 2.5.4)

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EWH

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cc: T. J. Kenyon, NRC
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