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Your ref: Docket Number 52-006  
Our ref: DCP\_NRC\_002693

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Subject: AP1000 Standard COL Technical Report Submittal of APP-GW-GLR-026, Revision 2 (TR 44)

Westinghouse is submitting Revision 2 of AP1000 Standard Combined License Technical Report Number 44, "New Fuel Storage Rack Structural/Seismic Analysis." The purpose of Technical Report 44 (TR 44) is to complete and document, on a generic basis, activities required for COL Information Item 9.1-1 in the AP1000 Design Control Document (DCD). Revision 1 to Technical Report 44 incorporated changes made in response to NRC Requests for Additional Information (RAI), changes to the design, and changes resulting from the re-analysis of the new fuel racks with the updated spectra as described in Technical Report Number 3, Revision 2. The proposed changes included in Revision 1 were changes to Revision 16 of the AP1000 DCD.

Revision 2 of Technical Report 44 incorporates changes made in response to RAIs, and makes no additional DCD changes, as all DCD markups were detailed in the responses to RAI-SRP9.1.2-SEB1-01 R1 (DCP/NRC2167, 6/20/08), and RAI-TR44-016 R2 and RAI-TR44-017 R2 (DCP\_NRC\_002688, 11/9/09).

This report is submitted in support of the AP1000 Design Certification Amendment Application (Docket No. 52-006). The information provided in this report is generic and is expected to apply to all Combined Operating License (COL) applicants referencing the AP1000 Design Certification and the AP1000 Design Certification Amendment Application.

Pursuant to 10 CFR 50.30(b), APP-GW-GLR-026, Revision 2, "New Fuel Storage Rack Structural/Seismic Analysis," Technical Report Number 44 is submitted as Enclosure 1. Revision 0 of Technical Report 44 was submitted under Westinghouse letter DCP/NRC1740, dated May 29, 2006, and Revision 1 was submitted under Westinghouse letter DCP/NRC2202, dated July 15, 2009.

Questions or requests for additional information related to the content and preparation of this report should be directed to Westinghouse. Please send copies of such questions or requests to the prospective applicants for combined licenses referencing the AP1000 Design Certification. A representative for each applicant is included on the cc: list of this letter.

DO63  
NRO

Very truly yours,

*John DeBlasio*

Robert Sisk, Manager */RS*  
Licensing and Customer Interface  
Regulatory Affairs and Standardization

/Enclosure

1. APP-GW-GLR-026, Revision 2, "New Fuel Storage Rack Structural/Seismic Analysis," Technical Report Number 44

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