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Our ref: LTR-NRC-19-6

February 7, 2019

**U.S. Nuclear Regulatory Commission
10 CFR 50.46 Annual Notification and Reporting for 2018**

The purpose of this letter is to report the impact of changes or errors in the emergency core cooling system (ECCS) evaluation models used by Westinghouse Electric Company. A description of the changes to the Westinghouse small-break loss-of-coolant accident (LOCA) and large-break LOCA ECCS evaluation models for 2018 is provided as Attachment 1. Westinghouse has categorized these changes or errors into two separate groups as defined in Reference 1, which may include subgroups with or without PCT impact:

- Non-Discretionary Changes
- Discretionary Changes

The attachment includes changes for the **FULL SPECTRUM™** LOCA (**FSLOCA™**) evaluation model. At present, no plants are licensed under this evaluation model.

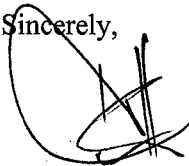
This annual notification is being provided since it affects information previously submitted in Westinghouse topical reports. It is noted that plant-specific peak cladding temperature (PCT) variations are not addressed in this letter. These should be treated, as appropriate, on a plant-specific basis in accordance with the applicable sections of 10 CFR 50. Westinghouse notifies licensees utilizing these Westinghouse ECCS evaluation models in their plant licensing basis of the appropriate reportable changes.

For future referencing convenience, the 2018 10 CFR 50.46 reportable changes provided in Attachment 1, together with the 2017 formulation offered in Reference 2 constitutes the 2018 formulation of the Westinghouse ECCS evaluation models.

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Sincerely,

A handwritten signature in black ink, appearing to read 'K. Hosack', written over a large, loopy 'S' that starts under the word 'Sincerely,'.

Korey L. Hosack, Manager
Product Line Regulatory Support

References:

1. ET-NRC-92-3755, "Westinghouse Methodology for Implementation of 10CFR50.46 Reporting," N. J. Liparulo, Westinghouse to NRC Document Control Desk, October 30, 1992. (WCAP-13451)
2. LTR-NRC-18-30, "U.S. Nuclear Regulatory Commission 10 CFR 50.46 Annual Notification and Reporting for 2017," J.A. Gresham, July 18, 2018.

Attachment:

1. Standard Format Text for Changes and Enhancements to the Westinghouse Evaluation Models for 2018 (10 pages, including cover page)