

**RESOLUTION OF COMMENTS ON DRAFT SAFETY EVALUATION FOR  
TOPICAL REPORT (TR) WCAP-17202-P/WCAP-17202-NP, REVISION 0-1,**

**“SUPPLEMENT 4 TO BISON TOPICAL REPORT RPA 90-90-P-A”**

**WESTINGHOUSE ELECTRIC COMPANY**

**PROJECT NO. 700**

By letter dated June 10, 2016 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML16172A092), Westinghouse Electric Company (Westinghouse) provided comments on the draft safety evaluation (SE) for Topical Report (TR) WCAP-17202-P/WCAP-17202-NP, “Supplement 4 to BISON Topical Report RPA 90-90-P-A.” Some information in the draft SE for this TR was identified as proprietary; therefore, the draft SE will not be made publicly available. The following are the U.S. Nuclear Regulatory Commission (NRC) staff’s resolution of certain comments made publicly available:

**Draft SE Comments for TR WCAP-17202-P/WCAP-17202-NP:**

1. Westinghouse Comment 1 suggested that “‘Supplement 4 to (for) WCAP-17202-P/WCAP-17202-NP,’ should be revised to read ‘WCAP-17202-P/WCAP-17202-NP, Supplement 4 to BISON Topical Report RPA 90-90-P-A’”

**NRC Resolution for Westinghouse Comment 1 on Draft SE:**

The NRC staff has reviewed Westinghouse comment and agrees with this comment. The NRC staff has revised the title.

2. Westinghouse provided comments 2, 4 (2<sup>nd</sup> part), 5, 6, and 8 on the applicability of the TR.

**NRC Resolution for Westinghouse Comments 2, 4 (2<sup>nd</sup> part), 5, 6, and 8 on Draft SE:**

The NRC staff reviewed the additional material presented in the Westinghouse comments to the draft SE of WCAP-17202-P and found: 1) the qualitative information regarding the like-for-like exercising of BISON’s physical models to a fast transient turbine trip response regardless of the initiating event acceptable for those limiting transients that ultimately result in a turbine trip and 2) the quantitative comparison of the Improved Method B and previously approved Method C for a MSIV closure transient acceptably demonstrates the applicability of the Improved Method B to those slower limiting transients that do not ultimately result in a turbine trip. Therefore, changes have been made to the various sections within the draft SE that were referenced in Comments 2, 5, and 6 (Section 3.3, page 12, lines 31-33 and 41-45; Section 4.1, page 27, lines 36-40; and Section 5.0, page 28, lines 41-51, respectively). These changes provide staff evaluation of the additional information supplied and the approval of the Improved Method B for limiting and non-limiting transients pending approval of WCAP-17203-P, provided the transient analyses adhere to any limitations and conditions set forth in WCAP-17203-P. A final result of the inclusion of the

Westinghouse additional information supplied with the draft SE comments is that an additional reference was required. The additional reference required update to the existing reference numbers throughout the draft SE and within Section 5.0 of the draft SE.

3. Westinghouse provided Comments 3 and 4 (1<sup>st</sup> part) related to the typographical errors.

NRC Resolution for Westinghouse Comment 3 and 4 (1<sup>st</sup> part) on Draft SE:

The NRC staff reviewed the Westinghouse comments and finds them acceptable because the changes are editorial in nature.

4. Westinghouse provided Comment 7 stating that title should be WCAP-17202-P, Revision 0-1, reflecting the Revision 0-1 to WCAP-17202-P submitted to the NRC via letter U7-C-NINA-NRC-140029, dated September 30, 2014, that supersedes Revision 0.

NRC Resolution for Westinghouse Comment 7 on Draft SE:

The NRC staff has reviewed this comment and finds it acceptable. The proposed change clarifies the staff scope and context of the staff review, and is consistent with the NRC letter dated March 16, 2015, titled "Revised NRR Acceptance for Review of Topical Report WCAP-17202-P/WCAP-17202-NP, "Revision 4 to BISON Topical Report RPA 90-90-P-A," (ADAMS Accession No. ML15015A484). The NRC staff agrees that such revision is consistent with the staff's review findings and provides additional clarification. The title and list of references have been updated.

5. Westinghouse provided proprietary markings on the draft SE.

NRC Resolution on the Westinghouse proprietary markings on Draft SE:

The NRC staff reviewed the Westinghouse markings and incorporated them into the final SE.