



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

August 16, 2018

MEMORANDUM TO: Dennis C. Morey, Chief
Licensing Processes Branch
Division of Licensing Projects
Office of Nuclear Reactor Regulation

FROM: Ekaterina Lenning, Project Manager /RA/
Licensing Processes Branch
Division of Licensing Projects
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF WESTINGHOUSE ELECTRIC COMPANY 2018 FUEL
PERFORMANCE UPDATE MEETING (EPID: L-2018-LRO-0011)

On July 17-18, 2018, Westinghouse Electric Company (Westinghouse) held 2018 Westinghouse Fuel Performance Update Meeting at the Westinghouse Office in Rockville, MD. The U.S. Nuclear Regulatory Commission staff from the Office of Nuclear Reactor Regulation, the Office of New Reactors and the Office of Nuclear Regulatory Research was in attendance. Westinghouse presented proprietary information regarding Westinghouse fuel performance and future plans. Topics of discussion were pressurized-water reactor (PWR) fuel performance update, AXIOM™ fuel rod cladding, accident tolerant fuel program, nuclear safety advisory letter 14-5 critical heat flux data testing ODEN 12 update and future testing plans, incremental high burnup extension, boiling-water reactor fuel performance & methods update (TRITON11™ fuel, HiFi™ cladding, POLCA-T system analysis code, calculation of mixed cores), additive manufacturing implementation update, PWR methods updates (Westinghouse thermal design procedure, NEXUS nuclear data methodology, PARAGON2 transport code, reactivity insertion accident), Westinghouse Performance Analysis and Design Model (PAD5) and FULL SPECTRUM™ Loss-Of-Coolant Accident Methodology implementation update, and topical reports. By letter dated June 29, 2018, Westinghouse submitted agenda for the upcoming meeting (Agencywide Documents Access and Management System (ADAMS) Accession No. ML18180A222). By letter dated July 12, 2018, Westinghouse submitted presentation slides (ADAMS Accession No. ML18197A425).

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