



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

May 8, 2014

LICENSEE: Southern Nuclear Operating Company
FACILITY: Joseph M. Farley, Units 1 and 2
SUBJECT: SUMMARY OF APRIL 23, 2014, MEETING WITH SOUTHERN NUCLEAR OPERATING COMPANY TO DISCUSS DELETION OF THE RESIDUAL HEAT REMOVAL AUTOCLOSURE INTERLOCK (TAC NO. MF3716)

On April 23, 2014, a Category 1 public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) and representatives of Southern Nuclear Operating Company (SNC) at NRC Headquarters, One White Flint North, 11555 Rockville Pike, Rockville, Maryland. The purpose of the meeting was to discuss the technical justification for a future amendment to eliminate the Residual Heat Removal System (RHR) Autoclosure Interlock (ACI). The RHR ACI provides protection against over pressurization of the low pressure RHR system by the high pressure reactor coolant system.

The meeting notice and agenda, dated April 9, 2014, is available in the Agencywide Documents Access and Management System (ADAMS) at Accession No. ML14099A215. A list of attendees is provided in Enclosure 1. The licensee's presentation can be found at ADAMS Accession No. ML14120A225.

The licensee described the proposed approach that will be utilized for the technical justification for the future amendment request to remove the RHR ACI feature from the plant and to delete the associated technical specifications. The licensee's planned approach includes a probabilistic analysis that is described in WCAP-11736-A, Revision 0.0, "Residual Heat Removal System Autoclosure Interlock Removal Report," dated August 8, 1989. SNC stated that a plant-specific probabilistic analysis was completed in 1996 for Farley Units 1 and 2; however the probabilistic analysis did not consider Regulatory Guide (RG) 1.200, "An Approach for Determining the Technical Adequacy of Probabilistic Risk Assessment Results for Risk-informed Activities" at that time. Therefore, SNC stated that they will assess the technical adequacy of the probabilistic risk assessment models/analyses that were completed in 1996 against the guidance endorsed in RG 1.200. SNC stated that the metrics for assessing the risk associated with the probabilistic risk assessment models/analyses will be the initiating event frequency change of interfacing system LOCAs, the RHR unavailability change, and the consequence category (non-success end states) for the low temperature over-pressurization analysis.

The NRC staff clarified that any future amendment to eliminate the RHR ACI would be based on a deterministic review and that any "risk" information is only useful supplementary information that cannot be used as the basis for a staff decision. For any risk information to form such a basis, the amendment would have to be submitted under RG 1.174, meeting the requirements of RG 1.200.

Other comments include suggestions to provide information on the 2010 event that caused SNC to pursue this amendment; to include detailed drawings and logic drawings, and to consider human factors.

A handwritten signature in black ink that reads "Shawn Williams". The signature is written in a cursive style with a long horizontal flourish at the end.

Shawn Williams, Senior Project Manager
Plant Licensing Branch II-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-348 and 50-364

Enclosure:
List of Attendees

cc w/encl: Distribution via Listserv

LIST OF ATTENDEES

APRIL 23, 2014, MEETING WITH SOUTHERN NUCLEAR OPERATING COMPANY

RESIDUAL HEAT REMOVAL AUTOCLOSURE INTERLOCK

Nuclear Regulatory Commission Staff

Robert Martin, NRR/DORL

Jennifer Gall, NRR/DSS, Reactor Systems Branch

David Rahn, NRR/DE, Instrumentation & Controls Branch

Kristy Bucholtz, NRR/DSS, Technical Specifications Branch

Samina Shaikh, NRR/ DSS, Containment and Ventilation Branch

Robert Dennig, NRR/DSS, Containment and Ventilation Branch

Hossein Hamzehee, NRR/DSS, PRA Licensing Branch

Ray Gallucci, NRR/DRA, PRA Licensing Branch

Licensee Participants

Ken McElroy, SNC Licensing Manager

Jamie Coleman, SNC Licensing Engineer

Jim Andrachek, Westinghouse

Jerry Andre, Westinghouse

Other comments include suggestions to provide information on the 2010 event that caused SNC to pursue this amendment; to include detailed drawings and logic drawings, and to consider human factors.

/RA/

Shawn Williams, Senior Project Manager
Plant Licensing Branch II-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

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List of Attendees

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RDennig, NRR
HHamzehee, NRR
RGallucci, NRR

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