



UNITED STATES
NUCLEAR REGULATORY COMMISSION
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July 2, 2018

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

FROM: Joseph J. Holonich, Senior Project Manager /RA/
Licensing Processes Branch
Division of Licensing Projects
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF THE JUNE 13, 2018, MEETING BETWEEN THE
U.S. NUCLEAR REGULATORY COMMISSION STAFF AND THE
ELECTRIC POWER RESEARCH INSTITUTE TO DISCUSS THE
BOILING WATER REACTOR VESSEL AND INTERNALS PROJECT
INTEGRATED SURVEILLANCE PROGRAM AND SUBSEQUENT
LICENSE RENEWAL

On June 13, 2018, U. S. Nuclear Regulatory Commission (NRC) staff met with representatives from the Electric Power Research Institute (EPRI). The purpose of the meeting was to have EPRI provide information on the Boiling Water Reactor Vessel and Internals Project (BWRVIP) Integrated Surveillance Program (ISP) and Subsequent License Renewal (SLR). Information related to the meeting including presentations and the attendees list can be found in the Agencywide Document Access and Management System (ADAMS) package ML18093A044.

The objectives of the meeting were for EPRI to provide the NRC staff with information on the EPRI program for extending the ISP for SLR and to receive feedback. In the meeting, EPRI made a presentation on the proposed approach to extending the current ISP to address SLR. The NRC staff and EPRI engaged in a number of technical questions and answers related to information in the presentation.

During the meeting, EPRI explained that the need for the ISP originally arose because of limited data being available for many individual plant surveillance programs. In some cases, even though data were available from a tested plant surveillance capsule, there was no corresponding unirradiated material data available. Therefore, a comparison could not be made that would allow for characterization of embrittlement.

A question was asked by the NRC staff if surveillance capsules from plants shutting down would be made available to the ISP. EPRI stated that as part of the ISP for SLR program, the use of surveillance capsules from plants that were shutting down had been considered.

CONTACT: Joseph J. Holonich, NRR/DLR/DLP
301-415-7297

Another question from the NRC staff was if EPRI had considered moving capsules to another plant. EPRI responded that moving capsules in order to provide data for the ISP for SLR had been considered. However, this approach was not chosen due to potential issues with logistics. It was noted that in terms of license renewal for 60 years, the currently accepted ISP contains contingency plans if a host plant shuts down.

The NRC staff also asked if EPRI had the broken specimens from previously tested surveillance capsules. EPRI reported that it had all the specimens from surveillance capsules that were tested under the ISP and Supplemental Surveillance Program. Those specimens are contained in a repository where each surveillance capsule is in a unique storage container with individual containers for broken specimens. Annually a repository report is completed and the inventory of specimens is updated.

EPRI informed the NRC staff that it plans to submit a topical report, BWRVIP-321, in 2019 on extending the ISP for SLR. The NRC staff took an action to inform EPRI if there are issues they want to be addressed in the planned topical report.

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NRC-001 *Via email

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