

December 8, 2017

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 Leslie Perkins Acting for/*  
Licensing Processes Branch  
Division of Licensing Projects  
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF OCTOBER 26 2017, MEETING WITH AXETRON ON  
DESIGN OF SAFETY PLATFORM INFORMATION

On October 26, 2017, U.S. Nuclear Regulatory Commission (NRC) staff met with a representative from AxeTron. The purpose of the meeting was to have AxeTron present information regarding the design of its safety platform intended for use as a replacement for obsolete Reactor Protection and Engineered Safety Features actuation systems, such as the Westinghouse 7300 series and Eagle-21 equipment. All information related to the meeting and discussed in this summary can be found in the Agencywide Document Accession and Management System (ADAMS) Package Accession No.: ML17300A008.

At this meeting, the AxeTron representative made a presentation on the details of the design. A copy of the presentation can be found in the referenced ADAMS package. During the presentation the NRC staff and AxeTron engaged in clarifying the presentation via questions and answers.

The AxeTron representative noted in the meeting that the implementation of the design was expected to be performed under the *Code of Federal Regulation*, Title 10, Section 50.59 (10 CFR 50.59) "Changes, tests and experiments." The NRC staff explained that if this design was being considered for use under 10 CFR 50.59, such evaluation would be performed as part of inspections conducted to determine if plant evaluations were in conformance with the regulations.

The NRC staff advised Axetron that prior to proceeding with any actual implementation, it is highly recommended that the licensee and AxeTron first meet with the NRC staff for a "Phase 0" pre-implementation meeting. This meeting would help to ensure there are no aspects of the proposed implementation that would need to be performed under the 10 CFR 50.90 process, such as possible technical specification changes.

There were no actions from the meeting.

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**ADAMS Accession Nos.: Package (ML17300A008); Summary (ML17300A009) NRC-001**

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