

May 11, 2016

MEMORANDUM TO: Kevin Hsueh, Chief
Licensing Processes Branch
Division of Policy and Rulemaking
Office of Nuclear Reactor Regulation

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

SUBJECT: SUMMARY OF DECEMBER 7, 2015, AUDIO CONFERENCE CALL ON
LOCKHEED MARTIN NuPAC TOPICAL REPORT

On December 7, 2015, U.S. Nuclear Regulatory Commission (NRC) staff held a conference call with representatives from Lockheed Martin (LM). The purpose of the call was to discuss technical details concerning the LM topical report (TR), ED610000-047-P Rev C; "Generic Qualification of The NuPAC [Nuclear Protection and Control] Platform For Safety-Related Applications." Information related to the meeting can be found in the Agencywide Documents Access and Management System package No. ML15313A329.

The focus of the first half of the meeting was on the software tool evaluation reports. In the NRC evaluation of these reports, the NRC will assess (in part) whether the software tool evaluation plan was followed. In addition, the NRC staff expressed interest in a description of how all the tools were coordinated relative to each other, and the development process in general. Of particular interest were the LM developed software tools.

The focus of the second half of the call was on how LM's phase summary reports for verification and validation (V&V) activities, presented the information that was distilled from the detailed V&V task reports, and the individual anomaly reports. Based on the discussions, LM reported that it had greater insights into what level of information was needed in the summary documents to ensure the NRC staff had sufficient details to conduct its review.

CONTACT: Joseph J. Holonich, NRR/DPR
301-415-7295

K. Hsueh

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The only action from the call was an agreement to schedule a second conference call in January 2016 to discuss additional design details and how the information was reported in LM summary documents.

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