



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

August 17, 2017

MEMORANDUM TO: Ashley Lindeman, Technical Leader / Project Manager  
Risk & Safety Management  
Electric Power Research Institute

FROM: Mark Henry Salley, Branch Chief */RA/*  
Division of Risk Analysis  
Fire Research Branch  
Office of Nuclear Regulatory Research

SUBJECT: REQUEST FOR EPRI TO COLLECT LONG TERM  
COMPENSATORY MEASURE DATA

The purpose of this memorandum is to convey the NRC's request to continue to have the Electric Power and Research Institute (EPRI) collect Long Term Compensatory Measure data for operating Nuclear Power Plants (NPPs). This task assesses the effectiveness of the ongoing improvements to the fire protection regulatory framework using the most recent plant data. This action was identified in Government Accountability Office (GAO) Report GAO-08-474 "Nuclear Safety- NRC's oversight of Fire Protection at U.S. Commercial Nuclear Reactor Units could be strengthened" June 2008, and NRC Staff Requirements Memorandum (SRM)-071708.

In SECY 11-0063 the staff told the Commission that tracking metrics is an, "Ongoing activity and will continue to assess the effectiveness of the fire protection framework through monitoring until such time as the staff has determined that additional monitoring is no longer warranted." Currently there is not sufficient statistically significant data available to warrant the discontinuation of long term compensatory data collection.

The purpose of the metrics, based on Commission September 11, 2008, letter to Congress is, "To include meaningful metrics in the stabilization plan to gauge progress in implementation of the Closure Plan."

The Office of Nuclear Regulatory Research has been working under the Memorandum of Understanding (MOU) with the EPRI to collect this information for ease and effectiveness. In the original discussions between the Office of Nuclear Reactor Regulations (NRR) and the Nuclear Energy Institute (NEI), this was seen as the most effective approach for timely data collection. If this no longer is a viable approach we will need to investigate other means of data collection. Per your request, Attachment 1 contains the historical references for this information. Attachment 2 provides a sample template to easily compile this information from each NPP. Please let me know when we can expect the 2016 long term compensatory data to include in our annual report. This data will be issued as part of the annual NRC Metrics Methodology report, and is needed by October 31<sup>th</sup> 2017. The most recent version can be found in the Agencywide Documents Access and Management System (ADAMS) under accession #ML16356A657.

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