

May 22, 2013

MEMO TO: John W. Lubinski, Director
Division of License Renewal
Office of Nuclear Reactor Regulation

FROM: Michael J. Case, Director */RA/ B. Thomas for*
Division of Engineering
Office of Nuclear Regulatory Research

SUBJECT: NOTICE OF IMPENDING PUBLIC RELEASE OF TECHNICAL LETTER
REPORT (TLR) ON "SUMMARY OF AGING MANAGEMENT PROGRAM
EFFECTIVENESS AUDITS TO INFORM SUBSEQUENT LICENSE
RENEWAL: R.E. GINNA NUCLEAR POWER PLANT AND NINE MILE
POINT NUCLEAR STATION, UNIT 1"

REFERENCES: (1) Memorandum from Eric Leeds to Brian Sheron dated January 20, 2010
"Request for Office of Nuclear Regulatory Research (RES) Support in
Developing Technical Information to Support Evaluating the Feasibility of
License Renewal beyond 60 Years," (ML092470525)
(2) Memorandum from Brian Sheron to Eric Leeds dated March 16, 2010
"User Need Request to Provide Support Evaluating the Feasibility of License
Renewal beyond 60 Years (NRR-2010-006)" (ML100621178)

I am forwarding for your information the final TLR describing work conducted for the above referenced User Need Request (UNR) Task C: Assess Results from Implementation of License Renewal Aging Management Programs (AMPs) and Recommend Improvements for a Subsequent License Renewal (SLR) Period. Unless we hear otherwise from you, RES plans to make the report publicly available in two weeks.

The audits covered by the TLR reviewed 29 mechanical system AMPs at Ginna and 30 mechanical system AMPs at NMP-1, and eight structural system AMPs and seven electrical system AMPs each at Ginna and NMP-1. In addition, three AMPs associated with time-limited aging analyses (TLAAs) were reviewed at Ginna and two at NMP-1. The audit process involved NRC staff conducting onsite interviews of licensee plant personnel, with additional staff and contractor personnel participating in the interviews by telephone. Contractor support was provided throughout this effort by Argonne National Laboratory (ANL) experts.

The scope of these audits included: (a) understanding how the AMPs have been implemented during the period of extended operation; (b) reviewing the findings from the AMPs in terms of identified degradation; and (c) identifying changes in the AMPs based on plant-specific and industry operating experience. This report provides the staff's observations from the AMP audits, but does not attempt to draw generic conclusions, as only two of the more than 100 operating plants are addressed herein. The results from these audits have been used to refine the approach in future AMP Effectiveness Audits. The knowledge obtained in future audits will enable the staff to draw conclusions toward the development of guidance documents for SLR.

This report is the result of extensive collaboration among NRR, RES and ANL staff. We are particularly grateful to Bennett Brady, Yaira Diaz-Sanabria, Bo Pham, Allen Hiser, and Melanie Galloway for both technical and programmatic contributions. We also wish to gratefully acknowledge all technical contributors who are listed on pg. xi in TLR. If you have questions or comments, please contact me or Dr. Amy Hull at 301-251-7656.

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DISTRIBUTION: DE r/f M. Gavrilas, RES B. Thomas, RES M. Case, RES
H. Cruz, NRR B. Brady, DLR A. Hiser, DLR
B. Pham, DLR J. Burke, RES M. Srinivasan, RES
Y. Diaz-Sanabria, DLR

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OFFICE	RES/DE	BC:RES/DE/CMB	D:RES/DE
NAME	A. Hull	M. Gavrilas	M. Case B. Thomas for
DATE	05/06/13	05/08/13	05/22/13

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