



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

February 10, 2012

Mr. Joseph Pacher
Site Vice President
R.E. Ginna Nuclear Power Plant
Constellation Energy, LLC
1503 Lake Road
Ontario, NY 14519

SUBJECT: AGING MANAGEMENT PROGRAMS AUDIT AT THE R.E. GINNA NUCLEAR
POWER STATION (TAC NO. ME6075)

Dear Mr. Pacher:

On May 19, 2004, the R. E. Ginna Nuclear Power Plant (Ginna) was granted a renewed operating license to operate an additional twenty years from September 18, 2009, to September 18, 2029. On August 30–September 1, 2011, the U.S. Nuclear Regulatory Commission visited Ginna to review the implementation of its aging management programs for license renewal since Ginna entered the period of extended operation. The summary of the audit is enclosed.

If you have any questions, please contact me by telephone at 301-415-2981 or by e-mail at bennett.brady@nrc.gov.

Sincerely,

A handwritten signature in cursive script, reading "Bennett Brady", is positioned below the word "Sincerely,".

Bennett M. Brady, Senior Project Manager
Aging Management of Reactor Systems and
Guidance Update Branch
Division of License Renewal
Office of Nuclear Reactor Regulation

Docket No. 50-244

Enclosure:
As stated

cc w/encl: Listserv

SUMMARY OF AGING MANAGEMENT PROGRAMS AUDIT AT THE R.E. GINNA NUCLEAR POWER STATION

I. Summary

During the week of August 30 – September 1, 2011, the U.S. Nuclear Regulatory Commission (NRC) staff performed an audit of aging management programs (AMPs) at the Constellation Energy, LLC's R.E. Ginna Nuclear Power Plant (Ginna). The purpose of the audit was to review the implementation of AMPs that had been reviewed by the NRC during Ginna's application for license renewal. Ginna entered its period of extended operation on September 19, 2009. The audit was performed at the Ginna facility located in the Town of Ontario, New York. The primary focus of the staff's audit was a sample review of the implementation results of the AMPs and the licensee's assessment of the AMPs.

Prior to the audit, Constellation Energy set up a portal on the Internet and provided the NRC staff web access to the portal. The staff examined the license renewal application for Ginna, the staff's Safety Evaluation Report, the Program Basis Document for each AMP, and the Condition Reports Trends Reports which were available on the portal. During the audit, the staff further examined the implementing procedure documents which implemented the AMPs, the condition reports, and work orders related to each AMP. The staff interviewed AMP owners and staff responsible for the implementation of each of the AMPs.

A final briefing was held with the licensee on September 1, 2011, to discuss the preliminary findings of the audit. The audit team provided general observations regarding the licensee's implementation of AMPs.

- The AMPs at Ginna are implemented through various plant procedures with specific personnel assigned as AMP owners.
- AMP owners were generally knowledgeable about their specific programs and the documentations required for implementation of each program.
- Controls were in place to maintain documentation, such as procedures that are "hardened" so that those specifically associated with license renewal can't be changed without approval from the Program Owner or License Renewal Program Manager.
- In trying to gain an understanding of how AMPs have changed since implementation and any aging related issues that may have led to such changes, the staff was not able to easily trace the issues in Condition Reports or the licensee's Corrective Action Program, as aging degradation was not specifically singled out as a category.

The information collected from this audit, and from similar audits of other plants in their period of extended operation, will be used by the NRC in assessing the technical and regulatory needs for subsequent license renewal reviews.

II. Major Documents Reviewed

- a. License Renewal Program Basis Documents for all AMPs
- b. Inspection Procedures for all AMPs
- c. 10 CFR 50.59 evaluations
- d. Selected Condition Reports
- e. Updated Final Safety Analysis Report
- f. Technical Specifications
- g. Aging Management Trend Reports
- h. GALL Report R2 Delta Evaluation
- i. Use of Operating Experience Procedures
- j. Fleet Trend Codes
- k. Commitment Management Procedures

III. NRC Audit Team Members

Bennett Brady	NRR/DLR	Amy Hull	RES/DE
Cliff Doult	NRR/DLR	Seung Min	NRR/DLR
Jim Gavula	NRR/DLR	Abdul Sheikh	NRR/DLR
Allen Hiser	NRR/DLR		

IV. Applicant Personnel Contacted During Audit

J. Wells	F. Klepacki
K. Kemp	G. Herrick
A. Guillermo	J. Fischer
A. Patrzalek	J. Sperr
B. Dahl	K. Connor
B. John	M. Bodine
B. Weaver	M. Canny
D. Lovgren	M. Fallin
D. Markowski	M. Fitzsimmons
D. Magar	M. McGraw
D. Peters	M. Sweigle
R. Bahai	R. Marcello
R. Dautel	S. Baylor
R. Fett	W. Tono
R. Hellem	

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/RA/

Bennett M. Brady, Senior Project Manager
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NAME	YEdmonds	BBrady	BPham	BBrady
DATE	10/03/2011	11/09/2011	02/09/2012	02/10/2012

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Letter to Joseph Pacher from Bennett M. Brady dated February 10, 2012

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