

November 20, 2014

John W. Stetkar, Chairman  
Advisory Committee on Reactor Safeguards  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

SUBJECT: RESPONSE TO THE ADVISORY COMMITTEE ON REACTOR SAFEGUARDS  
REPORT ON THE SAFETY ASPECTS OF THE LICENSE RENEWAL  
APPLICATION FOR THE CALLAWAY PLANT

Dear Mr. Stetkar:

During the 618th meeting of the Advisory Committee on Reactor Safeguards (the Committee) held on October 2-4, 2014, the Committee completed its review of the Callaway Nuclear Power Plant license renewal application. The Committee also reviewed the U.S. Nuclear Regulatory Commission (NRC) staff's associated final safety evaluation report for the Callaway application.

In the Committee's final report dated October 14, 2014, the Committee recommends the NRC renew the Callaway operating license. The NRC staff appreciates the Committee's insights, review of the license renewal application, and review of the staff's associated final safety evaluation report. In particular, the NRC staff found the Committee's insights on the following issues to be helpful:

- Reviewing the changes in scoping and screening of structures, systems, and components due to implementing an NFPA-805-based fire protection program;
- Resolving the multiple instances involving stuck or damaged reactor vessel head closure studs and associated flange threads;
- Ensuring adequate aging management of reactor vessel internals components in response to the materials reliability program initiatives; and
- Managing the effects of the reactor coolant system environment on fatigue life of susceptible piping and components.

J. Stetkar

-2-

The NRC staff recognizes the Committee's commitment to safety and appreciates its continued support of the license renewal process.

Sincerely,

***/RA Michael R. Johnson Acting for/***

Mark A. Satorius  
Executive Director  
for Operations

cc: Chairman Macfarlane  
Commissioner Svinicki  
Commissioner Ostendorff  
Commissioner Baran  
Commissioner Burns  
SECY

J. Stetkar

-2-

The NRC staff recognizes the Committee's commitment to safety and appreciates its continued support of the license renewal process.

Sincerely,

***/RA Michael R. Johnson Acting for/***

Mark A. Satorius  
Executive Director  
for Operations

cc: Chairman Macfarlane  
Commissioner Svinicki  
Commissioner Ostendorff  
Commissioner Baran  
Commissioner Burns  
SECY

DISTRIBUTION: LTR-14-0601-1  
See next page

**ML14290A266 (Package), ML14293A427 (Incoming), ML14296A309 (Response)**  
**\*Concurrence via e-mail**

OFFICE	LA:RPB1:DLR	PM:RPB1:DLR	Tech Editor*	OGC
NAME	YEdmonds	JDaily	CHsu	BHarris
DATE	11/3/14	11/3/14	10/29/14	11/4/14
OFFICE	BC:RPB1:DLR	D:DLR:NRR	D:NRR	EDO
NAME	YDiaz-Sanabria	CMiller	WDean (BHolian for)	MSatorius (MJohnson for)
DATE	11/3/14	11/10/14	11//14	11/20/14

**OFFICIAL RECORD COPY**

Letter to J. Stetkar from M. Satorius dated November 20, 2014

SUBJECT: RESPONSE TO THE ADVISORY COMMITTEE ON REACTOR SAFEGUARDS  
REPORT ON THE SAFETY ASPECTS OF THE LICENSE RENEWAL  
APPLICATION FOR THE CALLAWAY PLANT

DISTRIBUTION: LTR-14-0601-1

NON-PUBLIC

RidsNrrDir Resource  
RidsNrrDirRpb1 Resource  
RidsNrrDirRpb2 Resource  
RidsNrrDirRarb Resource  
RidsNrrDirRasb Resource  
RidsNrrDirRerb Resource  
RidsNrrDirRsg Resource  
RidsNrrDeEvib Resource  
RidsNrrDeEpnb Resource  
RidsNrrDeEsgb Resource  
RidsNrrDraAfpb Resource  
RidsNrrDraApla Resource  
RidsNrrDeEmcb Resource  
RidsNrrDeEeeb Resource  
RidsNrrDssSrxb Resource  
RidsNrrDssSbpb Resource  
RidsNrrDssScvb Resource  
RidsOgcMailCenter Resource  
RidsEdoMailCenter Resource  
RidsNrrMailCenter Resource  
RidsNrrOd Resource  
RidsRgn4MailCenter Resource  
RidsAcrsAcnw\_MailCTR

-----

J. Daily  
T. Tran  
F. Lyon  
I. Couret, OPA  
D. Roth, OGC  
A. Jones, OGC  
N. Taylor, RIV  
E. Collins, RIV  
C. Casto, RIV  
B. Maier, RIV  
V. Dricks, RIV  
D. Chamberlain, RIV  
A. Vogel, RIV  
W. Walker, RIV  
G. Miller, RIV  
G. Pick, RIV