

Donnie Ashley

From: <john.hufnagel@exeloncorp.com> [john.hufnagel@exeloncorp.com]
Sent: Friday, April 11, 2008 4:07 PM
To: Donnie Ashley
Subject: RE: draft - summary of telecon

Follow Up Flag: Follow up
Flag Status: Flagged

Donnie,

First, you have Gary Stevens name spelled correctly, and he works for Structural Integrity Associates, Inc.

The words look pretty good, but I have asked a couple of the guys who were on the call to take a look also. Mike Guthrie indicated he has a comment or two, and I want to consolidate any comments and get them to you. I will plan to contact you Monday in the morning, before I head off to TMI. Thanks, Donnie.

- John,

-----Original Message-----

From: D. Ashley [mailto:DJA1@nrc.gov]
Sent: Thursday, April 10, 2008 12:48 PM
To: Hufnagel Jr, John G
Subject: draft - summary of telecon

John-

I have to go to a meeting in a few minutes and am off on Friday.

Here is the first cut at a summary of our telecon.

please review and comment.

also, I need the name of the company that Gary Stevens works for....

Is his name spelled correctly?

-Donnie

**DISCUSSION OF INDUSTRY EXPERIENCE
OYSTER CREEK NUCLEAR GENERATING STATION
LICENSE RENEWAL APPLICATION**

April 7, 2008

The U.S. Nuclear Regulatory Commission staff (NRC or the staff), and representatives of AmerGen Energy Company, LLC (AmerGen or the applicant), held a telephone conference call on April 7, 2008, to discuss the question of industry experience as it relates to metal fatigue and the use of simplified calculations in the "Fatigue Pro" software program. The conference call was useful in clarifying the applicant's use of the "Fatigue Pro" software.

B/11

During the evaluation of the Vermont Yankee license renewal application and hearing process, the staff has become aware that the industry may be using a non-conservative calculation to evaluate metal fatigue in BWRs.

The calculation involves the use of "Green Functions" as a simplification to the analysis.

The applicant stated that the only component where Green Functions were used is the Reactor Recirculation outlet nozzle. None of the other calculations involved the use of Green Functions

The applicant stated that they were aware of the issue. The applicant stated that they have plans to perform a confirmatory analysis of the outlet nozzle, using the more conservative calculations, to insure that the components cumulative usage factor (CUF) is within specifications.

The applicant will provide the results of the analysis to the staff. The applicant plans to complete the analysis within 30 days.

Donnie Ashley
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