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Official Transcript of Proceedings

NUCLEAR REGULATORY COMMISSION

Title: Advisory Committee on Reactor Safeguards
549th Meeting

Docket Number: (n/a)

DOCKETED
USNRC

August 12, 2008 (11:00am)

Location: Rockville, Maryland

OFFICE OF SECRETARY
RULEMAKINGS AND
ADJUDICATIONS STAFF

Date: Thursday, February 7th, 2008

Work Order No.: NRC-2007

Pages 1-346

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U.S. NUCLEAR REGULATORY COMMISSION
In the Matter of Embry Nuclear Vermont Yankee LLC
Docket No. 50-271 Official Exhibit No. E2-31-UJ
OFFERED by: Applicant/Licensee Intervenor _____
NRC Staff _____ Other _____
IDENTIFIED on 7/21/08 Witness/Panel NEC 2
Action Taken: ADMITTED REJECTED WITHDRAWN
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DS-03

UNITED STATES OF AMERICA
NUCLEAR REGULATORY COMMISSION

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549TH MEETING

ADVISORY COMMITTEE ON REACTOR SAFEGUARD

(ACRS)

+ + + + +

THURSDAY

FEBRUARY 7, 2008

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ROCKVILLE, MARYLAND

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The Advisory Committee met at the Nuclear Regulatory Commission, Two White Flint North, Room T2B3, 11545 Rockville Pike, Rockville, Maryland, at 8:30 a.m., Dr. William J. Shack, Chairman, presiding.

COMMITTEE MEMBERS PRESENT:

WILLIAM J. SHACK, Chairman

MARIO V. BONACA, Vice Chairman

GEORGE E. APOSTOLAKIS, Member

DENNIS C. BLEY, Member

DANA A. POWERS, Member

JOHN W. STETKAR, Member

MICHAEL CORRADINI, Member

JOHN D. SIEBER, Member

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COMMITTEE MEMBERS PRESENT (Continued):

OTTO L. MAYNARD, Member

SAID ABDEL-KHALIK, Member

J. SAM ARMIJO, Member

SANJOY BANERJEE, Member

ALSO PRESENT:

SAM DURAISWAMY

MAITRI BANERJEE

P.T. KUO

KENNETH CHANG

JONATHAN ROWLEY

JOHN DREYFUSS

TED SULLIVAN

LARRY LUKENS

GARY STEVENS

PAUL JOHNSON

MICHAEL MODES

SARAH HOFFMAN

JORAM HOPENFELD

JOHN FAIR

CHANG LI

MAKUTESWARA SRINIVASAN

STEVE JONES

JOHN JOLICOEUR

TREVOR COOK

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ALSO PRESENT (Continued):

SUD BASU

FAROUK ELTAWILA

STU RUBIN

MARK HENRY SALLEY

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much done. The question I have: is there any question for the staff here? Any questions for Mr. Hopenfeld from members?

MEMBER ARMIJO: I'd like to ask with respect to the last presenter's comments about new data. Is the staff familiar with -- no, I'm asking the staff if they're aware of the new data that you referred to

MR. FAIR: Hi. I'm John Fair with Division of Engineering who did a lot of the reviews on environmental fatigue.

Yes, we are. The new data is the latest Argonne data that was being applied in new design certifications. Basically the criteria they're using ins license renewal was criteria that was developed quite a while back, and we made a decision at that time that we would, as criteria, we would maintain that criteria because there were a lot of applications in process. So we didn't want to keep changing the rules as these people were putting in new applications. And a lot of the criteria had changed and was massaged over the years.

Actually if you go back and look at the latest criteria we're applying to new reactors, it's not as conservative as the old criteria because we

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changed the basis for deriving the curves. So if you go and look at the Fen factors themselves using the new criteria, they'll generally be lower.

MEMBER ARMIJO: Okay. Thank you.

VICE CHAIRMAN BONACA: Any other questions?

If not, Mr. Chairman, I'll turn the meeting back to you.

CHAIRMAN SHACK: Okay. Well, it's five minutes late. I'd like to take a break now. I thank the presenters, staff and the industry, for a good presentation, I think, very informative and Mr. Hopenfeld for his comments.

We're slated for 15 minutes. So we'll be back at ten of.

(Whereupon, the foregoing matter went off the record at 10:35 a.m. and went back on the record at 10:55 a.m.)

CHAIRMAN SHACK: The next topic is a draft final Revision 1 to Regulatory Guide 1.45, "Guidance on Monitoring and Responding to Reactor Coolant System Leakage, and, Sam, I think you're going to take us through that.

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