

December 22, 2011

MEMORANDUM TO: John R. Jolicoeur, Chief  
Licensing Processes Branch  
Division of Policy and Rulemaking  
Office of Nuclear Reactor Regulation

FROM: Jonathan G. Rowley, Project Manager **/RA/**  
Licensing Processes Branch  
Division of Policy and Rulemaking  
Office of Nuclear Reactor Regulation

SUBJECT: SUMMARY OF AUGUST 10, 2011, PRE-SUBMITAL MEETING WITH  
THE PRESSURIZED WATER REACTOR OWNERS GROUP  
REGARDING TOPICAL REPORT WCAP-17308-P, "TREATMENT OF  
DIESEL GENERATOR (DG) TECHNICAL SPECIFICATION  
FREQUENCY AND VOLTAGE TOLERANCES, REVISION 0"

On August 10, 2011, a Category 2 public meeting was held between the U.S. Nuclear Regulatory Commission (NRC) staff and representatives of the Pressurized Water Reactor Owners Group (PWROG) at NRC Headquarters, One White Flint North, 11555 Rockville Pike, Rockville, Maryland. The topic of discussion was a PWROG proposal to create a program to address an issue with technical specifications for diesel generator (DG) frequency and voltage tolerances.

The background of the issue was that the Standard Technical Specifications (STS) allow the DG frequency to vary by  $\pm 2$  percent and voltage to vary by  $\pm 10$  percent, respectively. The wording of the STS surveillance requirements (SRs) allow steady state DG operation to be within 58.8 - 61.2 Hertz (Hz) and 3740 - 4580 volts (V) for a 4160 V system.

The PWROG representatives discussed the methodology being proposed. The methodology will consider plant-specific DG voltage and frequency control tolerances, instrument uncertainties, and pump performance adjustments to the pump inservice testing (IST) curves.

The PWROG representatives stated that they may submit a topical report that will contain a methodology that will be used to adjust the minimum and maximum pump IST curves based on the plant-specific DG voltage and frequency control tolerances. The evaluation will include the impact on DG loading and fuel oil consumption calculations and motor operated valve performance. Ventilation fans will also be considered in the dose analyses evaluation.

The PWROG representatives discussed that they are planning on submitting a letter to the NRC regarding a non-conservative TS and timely submittal of a license amendment request based on this program, and request the NRC to issue a letter similar to the one that was issued on January 21, 2011, for an issued regarding heat flux hot channel factor  $-F_Q^W(Z)$ (Agencywide Documents Access and Management System (ADAMS) Accession No. ML103210497).

A list of attendees is enclosed. The PWROG slide presentations can be found in the ADAMS at Accession number ML11256A161.

Project No. 694

Enclosure:  
List of Attendees

cc w/encl: See next page

CONTACT: Jonathan Rowley, NRR/DPR  
301-415-4053

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CONTACT: Jonathan Rowley, NRR/DPR  
301-415-4053

DISTRIBUTION: See attached page

ADAMS Accession No: Package – ML, Notice – ML111930144, Summary – ML, Presentation – ML11256A161

OFFICE	PLPB/PM	PLPB/LA	PLPB/ BC	PLPB/PM
NAME	JRowley	DBaxley	JJolicoeur	JRowley
DATE	12/21/11	12/21/11	12/22/11	12/22/11

OFFICIAL RECORD COPY

Memo to J. Jolicoeur from J. Rowley dated

SUMMARY OF AUGUST 10, 2011, PRE-SUBMITAL MEETING WITH THE PRESSURIZED WATER REACTOR OWNERS GROUP REGARDING TOPICAL REPORT WCAP-17308-P, "TREATMENT OF DIESEL GENERATOR (DG) TECHNICAL SPECIFICATION FREQUENCY AND VOLTAGE TOLERANCES, REVISION 0"

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**List of Attendees**

**Pre-submittal Meeting Regarding Pressurized Water Reactor Owners Group  
Topical Report WCAP-17308-P**

August 10, 2011

<b>Name</b>	<b>Organization</b>
Jonathan Rowley	NRC
Michael Farnan	NRC
Roy Mathew	NRC
Gerry Waig*	NRC
Robert Wolfgang*	NRC
Gurcharan Matharu*	NRC
Steve Swantner	PWROG/Westinghouse Electric Company
James Andrachek	PWROG/Westinghouse Electric Company
Chad Holderbaum	PWROG/Westinghouse Electric Company
Dale Vincent	PWROG/Xcel Energy
Jack Stringfellow	PWROG/Southern Nuclear Operating Company
Ken Fleischer*	PWROG/Florida Power and Light

\*via telephone

ENCLOSURE