

~~March 8, 2004~~

Reissued March 22, 2004, with changes  
(See marginal lines indicating areas of change)

LICENSEE: PPL Susquehanna, LLC (PPL)  
FACILITY: Susquehanna Steam Electric Station, Unit No. 1 (SSES-1)  
SUBJECT: SUMMARY OF FEBRUARY 26, 2004, CATEGORY 1 MEETING WITH PPL TO  
DISCUSS LICENSEE'S AMENDMENT REQUEST DATED JULY 1, 2003  
(ADAMS ACCESSION NUMBER ML031900247)

On February 26, 2003, a public meeting was held between the U.S. Nuclear Regulatory Commission (NRC), and representatives of PPL and Framatome Advanced Nuclear Power (ANP) at NRC Headquarters, One White Flint North, 11555 Rockville Pike, Rockville, Maryland. The purpose of the meeting was to conduct a working level discussion as part of the NRC staff's review of PPL's July 1, 2003, amendment request, supplemented November 17 and December 22, 2003, that proposes a change to the SSES-1 Cycle 14 minimum critical power ratio safety limit (MCPRSL).

PPL provided an overview of their MCPRSL process. Specifically, PPL presented information on its approved methodology for inputting conservative power distribution (PD) data to calculate the MCPRSL. It included a PD sensitivity study by a comparison of PD data used from the original SSES-1 Cycle 14 core design to its subsequent core redesign, including PD differences between different design codes. The sensitivity analysis demonstrated that for a different set of input PDs, the MCPRSL remains unchanged from the original core design. The approved methodology, ANF-524(P)(A), Revision 2, "Advanced Nuclear Fuels Corporation Critical Power Methodology for Boiling Water Reactors," requires input PDs that are flatter (more conservative) in order to meet design thermal margin requirements, not necessarily PDs generated by the design codes used within the core monitoring system.

PPL concluded that (1) input power distribution is independent of the monitoring system PD uncertainty, and (2) small variations in PDs due to differences in design code uncertainty has a negligible impact on the MCPRSL.

Members of the public were not in attendance, and Public Meeting Feedback forms were not received. A list of meeting attendees is attached (Attachment 1). Also attached is a copy of the licensee's slides (Attachment 2) presented at the meeting (ML040640525). |

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PPL Susquehanna, LLC

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Please direct any inquiries to Richard V. Guzman, Project Manager at 301-415-1030, or  
rvg@nrc.gov.

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Richard V. Guzman, Project Manager, Section 1  
Project Directorate I  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket No. 50-387

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Attachments: 1. List of Attendees  
2. Licensee's Handouts/Slides

cc w/atts: See next page

Please direct any inquiries to Richard V. Guzman, Project Manager at 301-415-1030.

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Richard V. Guzman, Project Manager, Section 1  
Project Directorate I  
Division of Licensing Project Management  
Office of Nuclear Reactor Regulation

Docket No. 50-387

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cc w/atts: See next page

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PDI-1 Reading  
RGuzman  
OGC  
ACRS  
TMarsh/ELeeds  
AHowe (A)  
RLaufer  
JAlbright  
MO'Brien (2)  
FAkstulewicz  
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ACCESSION NUMBER: ML040820851

OFFICE	PDI-1/PM	PDI-2/LA	SRXB/SC	PDI-1/SC
NAME	RGuzman	MO'Brien	FAkstulewicz	RLaufer
DATE	3/4/04	3/4/04	3/4/04	3/5/04

OFFICIAL RECORD COPY

LIST OF ATTENDEES  
REVIEW MEETING WITH PPL SUSQUEHANNA, LLC  
REGARDING PROPOSED MINIMUM CRITICAL POWER RATIO  
SAFETY LIMIT CHANGES  
FEBRUARY 26, 2004 - 9:00-12:00, O-14-B-8

<u>NAME</u>	<u>ORGANIZATION</u>
1. Richard V. Guzman	NRC/NRR/DLPM/PDI-1
2. Francis Akstulewicz	NRC/NRR/DSSA/SRXB
3. Zena Abdullahi	NRC/NRR/DSSA/SRXB
4. Edward Kendrick	NRC/NRR/DSSA/SRXB
5. Anthony Attard	NRC/NRR/DSSA/SRXB
6. Tai Huang	NRC/NRR/DSSA/SRXB
7. Robert Saccone	PPL Susquehanna
8. Rocco Sgarro	PPL Susquehanna
9. Chet Lehmann	PPL Susquehanna
10. Andrew Dyszel	PPL Susquehanna
11. John M. Kulick	PPL Susquehanna
12. Jason Hartzell	PPL Susquehanna
13. Jerry Holm	Framatome, ANP
14. Jerry Ingham	Framatome, ANP

PPL Susquehanna, LLC

## MEETING SLIDES

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