

August 30, 2011

MEMORANDUM TO: Aladar A. Csontos, Chief  
Component Integrity Branch  
Division of Engineering  
Office of Nuclear Regulatory Research

FROM: David L. Rudland, Senior Materials Engineer /RA/  
Component Integrity Branch  
Division of Engineering  
Office of Nuclear Regulatory Research

SUBJECT: NOTICE OF PUBLIC MEETING BETWEEN THE NUCLEAR  
REGULATORY COMMISSION STAFF AND  
REPRESENTATIVES OF THE NUCLEAR POWER INDUSTRY  
REGARDING THE DEVELOPMENT OF xLPR VERSION 2.0

DATE & TIME: September 28-29, 2011  
8:00 A.M. – 5:00 P.M.

LOCATION: The Legacy Hotel & Meeting Centre  
1775 Rockville Pike  
Rockville, MD 20852  
301-881-2300

PURPOSE: The purpose of this meeting between the Nuclear Regulatory  
Commission (NRC) staff and industry representatives is to present  
and discuss the development plans for the xLPR Version 2.0  
probabilistic fracture mechanics computer code.

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301-251-7622  
[David.Rudland@nrc.gov](mailto:David.Rudland@nrc.gov)

A. Csontos

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CATEGORY 2: \*

This is a Category 2 meeting. The public is invited to participate in this meeting by discussing regulatory issues with the NRC at designated points identified on the agenda.

PARTICIPANTS:

Participants from the NRC include members of the Office of Nuclear Regulatory Research.

NRC

David Rudland, RES  
Gary Stevens, RES  
Matthew Kerr, RES  
Aladar Csontos, RES  
Mark Kirk, RES  
Howard Rathbun, RES  
Robert Tregoning, RES  
Wally Norris, RES  
Carol Nove, RES  
Robert Hardies, NRR  
Et Al.

Industry

Various representatives of the industry from EPRI, vendors and utilities are expected to attend

Enclosure:

Agenda

\* Commission's Policy Statement on "Enhancing Public Participation in NRC Meetings" (67 FR 36920), May 28, 2002.

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This is a Category 2 meeting. The public is invited to participate in this meeting by discussing regulatory issues with the NRC at designated points identified on the agenda.

**PARTICIPANTS:**

Participants from the NRC include members of the Office of Nuclear Regulatory Research and the Office of Nuclear Regulatory Regulations.

**NRC**

David Rudland, RES  
Gary Stevens, RES  
Matthew Kerr, RES  
Aladar Csontos, RES  
Mark Kirk, RES  
Howard Rathbun, RES  
Robert Tregoning, RES  
Wally Norris, RES  
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Various representatives of the industry from EPRI, vendors and utilities are expected to attend

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NAME	D. Rudland	A. Csontos	A. Csontos	M. Case
DATE	8/29/11	8/29/11	8/29/11	8/30/11

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## **AGENDA**

### **U.S. NUCLEAR REGULATORY COMMISSION (NRC) DEVELOPMENT OF EXTREMELY LOW PROBABILITY OF RUPTURE (XLPR) VERSION 2.0 COMPUTER CODE.**

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The Legacy Hotel & Meeting Centre  
1775 Rockville Pike  
Rockville, MD 20852  
301-881-2300

8:00 AM - 5:00 PM (Eastern Time)

September 28, 2011

1. Opening Remarks – Introduction
2. xLPR Pilot Study results
3. xLPR Version 2.0 – Regulatory and Industry Perspectives
4. xLPR Version 2.0 Quality Assurance Program
5. xLPR Version 2.0 Scope - Computational, Models, and Inputs

September 29, 2011

1. xLPR Version 2.0 Scope - Computational, Models, and Inputs – continued
2. xLPR Code Review plans
3. xLPR QA Training
4. Individual group discussions
5. Questions