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Date: ^{RES} Tue, Nov 27, 2001 8:41 AM
Subject: Exelon Meeting Presentation on PBMR Operational Modes and States

On Friday, November 30, from 9:15 to 11:45 AM in ASLBP Hearing Room T3B45, as part of the monthly meetings between the NRC staff and Exelon, a representative from PBMR, Pty. will give a presentation on PBMR Operational Modes and States.

The purpose of the presentation is to inform and educate the NRC on PBMR operations. The presentation will include a description and application of the analytical codes used by PBMR to evaluate plant operations including operational transients. The codes would include Flownet Nuclear (the RELAP for PBMR technology) which is the primary analytical code used by PBMR, Pty. to evaluate PBMR operations and transients. Definitions and explanations used to describe the spectrum of PBMR plant operations will be included in the presentation. In this regard a description of the various operational modes, plant states, operational transitions as well as transients will be discussed. Examples of analyses used to evaluate plant operation will also be presented. Discussion of the important PBMR active equipment involved in the various operational modes, states and transients will be discussed.

This presentation is expected to be of high value to a broad spectrum of RES and NRR staff involved in the safety assessment and technical bases development for PBMR safety reviews. Staff involved in PBMR system safety assessment, PBMR thermal-fluid dynamic analysis code review, development and use, PBMR human factors review, PBMR I&C review, PBMR operational safety review, PBMR, PRA, including PBMR PRA model review, are strongly encouraged to attend this presentation.

Thanks for your support!

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