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ESBWR Design Certification

Comment On: NRC-2010-0135-0001
ESBWR Design Certification

Document: NRC-2010-0135-DRAFT-0004
Comment on FR Doc # 2011-06839

Submitter Information

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General Comment

Dear NRC,

This is an excellent document. It is my hope that Beyond Design Basis Accidents will also be included in the design, FSAR, and Technical Specifications.

GE-Hitachi Nuclear Energy submitted an application for certification of the ESBWR standard plant design on Aug. 24, 2005.

The ESBWR is a 1,594 megawatt electric, natural circulation reactor. The ESBWR includes passive safety features that would cool down the reactor after an accident without the need for human intervention.

These passive features include:

- enhanced natural circulation via a taller reactor vessel, a shorter core and improved water flow through the vessel;
- an isolation condenser system to control water levels and remove decay heat while the reactor is pressurized, and;
- a gravity-driven cooling system to maintain water levels when the reactor pressure has dropped.

Thanks for your time and outstanding efforts,

Paul C. Daugherty

Template = SECY-067

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Rulemaking Comments

From: Gallagher, Carol
Sent: Friday, March 25, 2011 12:46 PM
To: Rulemaking Comments
Subject: Comment on ESBWR Design Certification proposed rule
Attachments: NRC-2010-0135-DRAFT-0004.pdf

Van,

Attached for docketing is a comment letter from Paul Daugherty on the above noted proposed rule (3150-AI85; 76 FR 16549) that I received via the regulations.gov website on 3/24/11.

Thanks,
Carol