

Perry Buckberg - Revised DARFT ACRS Fluence Slides

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Date: 3/28/2007 4:28 PM
Subject: Revised DARFT ACRS Fluence Slides

FYI

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Reactor Vessel Neutron Fluence

OI 4.2

- Lack of benchmarking data to support plant specific fluence calculations for use in TLAAAs

Reactor Vessel Neutron Fluence

- **Current Licensing Basis**
 - 10 CFR 50 App. G requirement for current operation
 - Current P-T curves valid through Cycle 18 (2011 RFO)
 - Commitment to Submit Action Plan for Resolution by September 15, 2007
 - Commitment to submit RG 1.190 calculations by June 8, 2010

Reactor Vessel Neutron Fluence

- Current Actions
 - Evaluate TLAAs to determine limiting Fluence
 - Limiting Beltline Adjusted Reference Temperature
 - Upper Shelf Energy
 - RPV Internals
 - RPV Welds
 - RPV nozzles near beltline
 - Core Shroud Fluence Limiting based on BWRVIP-35
 - Limiting Fluence values will not be challenged

Reactor Vessel Neutron Fluence

- Future Actions
 - Benchmark Computer Code using Pilgrim or other BWR3 Dosimetry Data
 - Previous commitment to submit action plan by September 15, 2007
 - License Condition to submit calculations consistent with RG 1.190 by June 8, 2010 which demonstrate limiting fluence values will not be reached during period of extended operation.