

Status of Guidance Development on Soluble Uranium Intake Values

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- Background
- Achievements of Working Group
- Status of Regulatory Guide Development



Background of Working Group



- Established following the 2007 Fuel Cycle Information Exchange
- Working Group involved NRC, Industry (Nuclear Fuel Services, Inc. and Areva-Richland), Kathren Group, Inc. and NEI
- Numerous public meetings in 2007, 2008, and 2009
- Status update at 2009 FCIX



Background of Working Group

- Explore possibility for:
 - Numerical soluble uranium exposure criteria as applied in 10 CFR 70 Integrated Safety Analysis
 - Industry-consensus
 - Non-site specific
 - NRC endorsement
- No new research but to use existing reports and studies



Major Achievements from Working Group



- NRC commented on NEI's Report, "Acute Toxicity of Uranium with Application to 10 CFR 70.61"
- Evaluate a number of Government and Industry Standards
- Summarized NRC-approved Integrated Safety Analysis acute soluble uranium exposure limits



Status of Guidance Development

- Contract issued on February 24, 2012 for technical basis document support of Regulatory Guide
- Scope of Contract
 - Review of NEI report
 - Review other relevant studies or documents
 - Assistance in resolving public comments and NRC staff interactions with ACRS
- Expect Completion of Technical Basis November, 2012
- Public Comment on Draft Regulatory Guide expected in 2013



Questions?

NRC Public Web page

<http://www.nrc.gov/reading-rm/doc-collections/reg-guides/#draft>

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