

April 13, 2010

ALL AGREEMENT STATES, MICHIGAN

SUMMARY OF EXISTING GUIDANCE THAT MAY BE RELEVANT FOR REVIEWING PERFORMANCE ASSESSMENTS SUPPORTING DISPOSAL OF UNIQUE WASTE STREAMS INCLUDING SIGNIFICANT QUANTITIES OF DEPLETED URANIUM (FSME-10-030)

**Purpose:** To summarize current NRC policy and guidance, which should assist in making informed decisions regarding land disposal of unique low-level radioactive waste streams, including disposal of significant quantities of depleted uranium until a new regulation is implemented.

**Background:** In September 2009, NRC staff conducted two public workshops soliciting early public input on major issues associated with a potential rulemaking for land disposal of unique waste streams including, but not limited to, significant quantities of depleted uranium. During these workshops, a number of stakeholders expressed interest or concern with the review of performance assessments supporting land disposal of unique waste streams prior to completion of the rulemaking process.

**Discussion:** The enclosure contains a summary of existing guidance for reviewing performance assessments with a focus on issues associated with the safe disposal of unique waste streams. NRC staff is providing this guidance to the Agreement States for their information, and for distribution to their licensees, as appropriate.

If you have any questions regarding this correspondence, please contact me at 301-415-3340 or the individuals named below.

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Enclosure:  
Summary of Existing Guidance That May Be Relevant for Reviewing Performance Assessments Supporting Disposal of Unique Waste Streams

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**Discussion:** The enclosure contains a summary of existing guidance for reviewing performance assessments with a focus on issues associated with the safe disposal of unique waste streams including significant quantities of depleted uranium. NRC staff is providing this guidance to the Agreement States for their information in the interim prior to completion of rulemaking activities, and for distribution to their licensees, as appropriate.

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