



MP197HB

Transportation Cask

Licensing and Analysis Approach for CoC 9302
Revision 5

Agenda



- ▶ Introduction
- ▶ Goals
- ▶ Approach

Introduction



- ▶ Based on feedback from previous meeting on Nov. 17, 20011.
- ▶ Some methodologies changed based on staff comments
- ▶ Approach has been modified for high burnup fuel

**Note that underlined text indicates modified or additional material
not included in previous meeting**

Goals of this Meeting



- ▶ **Present New Approaches and Information**
- ▶ **Obtain Feedback from Staff**

Approach for High Burnup Fuel



- ▶ In Order to Provide Reasonable Assurance for Compliance with 10 CFR 71.55(d)(2) which Requires that “the geometric form of the package contents would not be substantially altered”
 - ◆ Evaluation of the fuel cladding will be performed for NCT with available properties
 - ◆ Uncertainties in the high burnup fuel properties is addressed by revising the analysis approach in criticality, shielding and thermal disciplines