

NRC - ESBWR DCWG MEETING

June 11, 2008

COST-BENEFIT ANALYSIS FOR THE RADIOACTIVE WASTE MANAGEMENT SYSTEMS

SUMMARY

- ☐ Remove Reference to NEI 07-11
- ☐ Perform Site-Specific Cost-Benefit Analysis for Liquid and Gaseous Waste Management Systems
- ☐ Update FSAR Sections for LWMS, GWMS and Solid Waste Management System

COST-BENEFIT ANALYSIS

- ❑ Follows Guidance in March 19, 2008, NRC (Reckley) to NEI (Bell) Letter
- ❑ Conforms with RGs 1.110 and 1.206
- ❑ Conforms with SRPs 11.2 and 11.3
- ❑ Uses Fixed Cost Values from RG 1.110
- ❑ Uses Site-Specific Variable Costs
 - Capital Recovery Factor
 - Indirect Cost Factor
 - Labor Cost Correction Factor

SECTION 11.2 (LWMS) IMPACTS

- ☐ Respond to NAPS COLA RAI 11.02-1
- ☐ Describe Approach to Site-Specific Cost-Benefit Analysis
- ☐ Add Reference to NUREG/BR-0058
(Regulatory Analysis Guidelines of the USNRC)
- ☐ No Cost-Beneficial Augments for NAPS
- ☐ S-COLAs will use same approach as R-COLA

SECTION 11.3 (GWMS) IMPACTS

- ☐ Respond to Open Item in Response to NAPS COLA RAI 12.02-1
- ☐ Describe Results of Site-Specific Cost-Benefit Analysis
- ☐ Retain Discussion of Augments
- ☐ No Cost-Beneficial Augments for NAPS
- ☐ S-COLAs will use same approach as R-COLA

SECTION 11.4 (SWMS) IMPACTS

- ☐ Respond to NAPS COLA RAI 11.04-1A
- ☐ SWMS Addressed by Site-Specific Cost-Benefit Analyses for LWMS and GWMS
- ☐ No Cost-Beneficial Augments for NAPS
- ☐ S-COLAs will use same approach as R-COLA

Questions?
