

NOTE TO: Jack Davis, Deputy Director
 Technical Review Directorate (TRD)
 Division of High Level Waste Repository Safety (HLWRS)
 Nuclear Material Safety and Safeguards (NMSS)

FROM: Christopher Markley, acting-Project Officer for the
 Methodology and Overall System Performance Program Element
 Technical Review Directorate
 Division of High-Level Waste Repository Safety
 Nuclear Material Safety and Safeguards

SUBJECT: REVIEW AND AUTHORIZATION OF PRESENTATION “β-SOAR: A FLEXIBLE
 TOOL FOR ANALYZING DISPOSAL OF NUCLEAR WASTE”
 Ticket No.: NRC Product

The NRC staff has developed a presentation titled “β-SOAR: a Flexible Tool for Analyzing Disposal of Nuclear Waste” (attached) to be presented at the 13th International High-level Radioactive Waste Management Conference (IHLRWMC), Albuquerque, New Mexico, April 10-14, 2011. I have reviewed the paper, found it to be acceptable and not involving policy issues. In accordance with Management Directive 3.9, please review the report and if you agree that it is acceptable, authorize publication by signing the attached NRC 390 form.

ROUTING: Review and Approval of Material for Attached Presentation

| | Initial | Date |
|--|--------------|------------------|
| Christopher Markley, HLWRS/TRD/PAB | /RA/ /RA/ | 3/9/11 3/9/11 |
| <ul style="list-style-type: none"> ➤ Review and/or distribute for others' input: technical, programmatic, and editorial review. | | |
| Yong Kim, HLWRS/TRD/PAB | /RA/ | 3/15/11 |
| <ul style="list-style-type: none"> ➤ Programmatically-focused review, with technical perspective ➤ Forward to Christopher Markley when review complete | | |
| OGC Staff [due: 3/22/11] | /RA/ | 3/22/11 |
| <ul style="list-style-type: none"> ➤ NLO Review ➤ Forward to Christopher Markley when review complete | /RA/ | |
| Timothy McCartin, HLWRS/TRD | /RA/ | 3/30/11 |
| <ul style="list-style-type: none"> ➤ Over-arching technical and programmatic review ➤ Forward to Christopher Markley when review complete | | |
| Jack Davis, HLWRS/TRD | /RA/ | 4/5/11 |
| <ul style="list-style-type: none"> ➤ Management concurrence review (programmatic) ➤ Sign Form 390A when review complete ➤ Forward to Christopher Markley when review complete | | |
| Christopher Markley/Yong Kim, HLWRS/TRD/PAB | /RA/ /RA/ | 4/6/11 4/7/11 |
| <ul style="list-style-type: none"> ➤ Final check for close-out | | |