**Advanced RESRAD-OFFSITE Source Term Module**

**Training Workshop**

Conducted at the NRC RAMP Meeting

October 18, 2017

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| ***Workshop Agenda*** |
| 9:00 – 9:15 | Overview of RESRAD-OFFSITE |
| 9:15 – 9:45 | Fate, Transport and Exposure models in RESRAD-OFFSITE |
| 9:45 – 10:45 | Demonstration of RESRAD-OFFSITE |
| 10:45 – 11:30 | Release Models in RESRAD-OFFSITE |
| 11:30 – 12:00 | Application of Release Options in RESRAD-OFFSITE |

**RESRAD-BIOTA Training Workshop**

Conducted at the NRC RAMP Meeting

October 19, 2017

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| ***Workshop Agenda*** |
| 9:00 – 9:15 | Introduction |
| 9:15 – 9:45 | Regulatory and Evaluation Framework  |
| 9:45 – 10:30 | RESRAD-BIOTA Demonstration – Tiered Approach |
| 10:30 – 10:40 | Break |
| 10:40 – 11:20 | Technical Basis of the RESRAD-BIOTA Code - I |
| 11:20 – 12:00 | Hands-on and review |
| 12:00 – 1:00 | Lunch |
| 1:00 – 1:45 | Sensitivity Analysis, Organism Wizard, and Data Import/Export |
| 1:45 – 2:15 | Technical Basis of the RESRAD-BIOTA Code - II |
| 2:15 – 2:45 | Hands-on & Review |
| 2:45 – 3:00 | Break   |
| 3:00 – 3:45 | Bring It All Together: Case Study I – Hanford |
| 3:45 – 4:30 | Bring It All Together: Case Study II – China Lake |
| 4:30 – 5:00 | International Activities and Benchmarking of RESRAD-Biota |