

**AGENDA**  
**Review of ANL High-Burnup Cladding Performance Program**  
**Argonne National Laboratory, Bldg. 212, Conference Room A-157**  
**July 16, 2003**

- 8:45 Meet in Bldg. 212 Lobby
- 9:00 Introductions and NRC Perspectives R.O. Meyer
- 9:15 Industry Perspectives R. Yang
- 9:30 Overview of ANL LOCA and Dry-Storage Programs M.C. Billone
- 10:00 Advanced-Alloy Post-Quench Ductility Testing M.C. Billone  
Y. Yan
- 10:45 Break
- 11:00 Summary of Russian Results for E110 Alloy (Zr-1wt.%Nb) R.O. Meyer
- 11:45 Characterization of High-Burnup Fuel and Cladding H. C. Tsai
- 12:15 Lunch
- 1:15 ANL High-Burnup LOCA Integral Test Results M.C. Billone  
Y. Yan
- 2:00 JAERI LOCA Program F. Nagase
- 2:45 Break
- 3:00 EPRI/Anatech Modeling Approach & Results R.O. Montgomery
- 3:45 NRC CFD Modeling Approach & Results K. Welter
- 4:15 Plan for Additional ANL LOCA-relevant Work M.C. Billone
- 4:30 Discussion
- 5:00 Adjourn

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|-------|--|---------------------|
| 8:45  | Meet in Bldg. 212 Lobby  |                     |
| 9:00  | Halden LOCA Program  | E. Kolstad          |
| 9:45  | Mechanical Properties Testing<br>LOCA, RIA, and Dry Cask Storage                                   | R.S. Daum           |
| 10:20 | Effects of Pre-Storage Drying and Transfer<br>Annealing and Hydride Reorientation & Redistribution | H.C. Tsai           |
| 10:40 | Thermal Creep of Dry-Cask-Stored PWR Cladding and<br>High-Burnup PWR Cladding                      | H.C. Tsai           |
| 11:10 | Break  |                     |
| 11:35 | Burnup/Isotopic-Concentration Measurements<br>(pass-out available, but presentation not given)     | M.C. Billone        |
| 11:45 | Plan for Additional Dry Cask Storage Work  | M.C. Billone        |
| 12:00 | Discussion   |                     |
| 1:00  | Adjourn Formal Meeting   |                     |
| 2:00  | Optional Tours of Alpha-Gamma Hot Cell Facility and<br>LOCA Integral Test Apparatus                | H.C. Tsai<br>Y. Yan |

For secretarial support, please contact Sylvia Hagamann  
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