

2012 International RELAP5 Users Group (IRUG) Meeting and Seminar October 23-24, 2012

Tuesday, October 23, 2012

Sun Valley Resort – Limelight A Conference Room

08:00	Registration	
08:30	Welcome and Introduction	Wolf - INL
08:45	Emerging Nuclear Industries and Safety Case Generation	Griffith - INL
09:15	Capability and Models in Version 4.0.3	Anderson - INL
09:45	RELAP5-3D Developmental Assessment Update	Bayless - INL
10:30	Break	
10:45	Performance Measures for 4.0.3	Mesina - INL
11:15	Window 7 and Pygi Development for Version 4.0.3.....	Forsmann & Mesina - INL
11:45	Resolution of Flow Direction Dependence of Critical Flow Models In RELAP5-3D	Buschman - Bettis
12:15	Lunch.....	
01:45	Improved Accuracy for Two Phase Down-Flow Scenarios	Davis - INL
02:15	Verification Testing with Installation and Developmental Test Problems	Davis - INL
02:45	RELAP5-3D Model Improvement	Barber - INL
03:15	Break	
03:30	Metal Water Reaction Modeling.....	Anderson – INL

04:00 Selected Improvements of Opt Level 1 & 2Mesina - INL
04:30 RELAP5-3D Physics Coupling and Advancements Epiney & Rabiti – INL
05:15 Adjourn
07:00 No Host Dinner Gretchen’s Restaurant, Sun Valley Lodge

Wednesday, Oct. 24, 2012

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08:00 Registration
08:30 RELAP5-3D Participation in CASL Cebull – INL
09:00 Uncertainty AnalysisGertman – INL
09:30 Thermal-Hydraulic Assessment of the B&W mPower SMR.....Williams – B&W
(Oral Presentation Only)
10:00 Break
10:15 Results of the Seventh Three-Dimensional AER Dynamic
Benchmark Problem CalculationBencik – Nuclear Research Institute Rez
10:45 RELAP5-3D Activities at GRNSPGLanfredini – University of Pisa
11:15 Overview of the RELAP5-3D Code Activities in ENEA Parisi – ENEA
11:45 Lunch
01:15 RELAP5-3D Calculations Supporting HTTF Operation Bayless – INL
01:45 Advanced Testing Mesina – INL
02:15 IRUG Business Wolf – INL

- Introduction
- Approval of the 2011 Meeting Minutes from the 2011 IRUG

- Election of new IRUG Chairman

02:45	Break	
03:00	RELAP5-3D Licensing Strategy and Status	Smith – INL
03:30	User Problem Status	Anderson – INL
04:15	Future Code Release Planning	Anderson & Mesina – INL
04:45	Member Requested Code Development	Wolf – INL
05:15	Dates for Next Meeting	Wolf – INL
05:30	Adjourn	