ATR Operations
OSB Meeting Minutes

Idaho National Laboratory

Minutes Taken By: Barbara Wolt
Date of Meeting: February 5, 2009

Location of Meeting: ATR Conference Room

OSB Meeting Topic: ATR Dry Transfer Cubicle

Item	Description of Discussion	Speaker or Actionee
1	• Marty opens meeting and states that the minimum membership for this meeting is approved under the matrix of Startup and Restart of Facilities and Activities. Quorum is met with the following members:	Martin McDonough

Name	Member / Presenter / Observer	Title Position
Martin McDonough	Chair	ATR Operation Mgr
Brooks Clements	Member	ATR Deputy Manager
Linda Reeder	Member	Document Management
Thornton Waite	Presenter	Project Manager
Steven Winter	Observer	Project Team/Nuc. Safety Eng.
Charles Maggart	Observer	DOE
Rick Denning	Observer	DOE Facility Rep
Max Heberling	Member	ATR Operations Asst. Mgr
Robert Riordan	Member	ATR TSR Coordinator
Al Hoskins	Member	ATR Eng./SORC
R Osborn	Member	Nuclear Operations ES&H
Paul Nelson	Member	ATR RadCon Manager
Keith Penny	Member	Engineering Manager
Jim Harvey	Observer	Deputy for Operations
John Chapman	Member	Nuclear Eng. Supervisor
Barbara Wolt	Observer	ATR Administrative Assistant

3	Thornton gave background information on the ATR Dry Transfer Cubicle: • Modifying unused, existing Gas Cooled Loop Facility Hot Cell into the Dry Transfer Cubicle. • Located in southeast corner of ATR first basement, south of 1B cubicle. • Purpose of facility is to size TMIST/AGC/AGR experiments for shipment in GE-2000 cask to MFC for PIE. Shipment has size and weight limitations.	Thornton Waite

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	• Cubicle originally had 4 master-slave manipulators (2 pair), one shield window was installed, possibly the second, overhead crane, periscope, and PaR.
	• Only one shielding window remaining in place, PaR frame, crane rails. Balance of equipment has been removed.
	• First experiment to be sized in cubicle is TMIST-1, to be performed this spring.
	
	Modifications – for limited remote handling operations for sizing operations in a dry environment:
	
	• Install one set (1 pair) of master-slave manipulators – master-slave manipulators from excess, modified for this application
	• Install one ton overhead bridge crane
	• Refurbished existing shielding window – clouded, cover glass needed to be polished, cover gas added
	• Fabricate new shielding window. Fabricated from unused, surplus shielding windows provided by BEA
	• Modify ventilation system so ducting goes directly from room into building exhaust.
	• Install camera system
	• Miscellaneous electrical modifications for equipment
	• Make shielding door operational
	• Fabricate new tooling to size experiments
	  ○ New shielded cask insert to transfer experiment from cubicle into GE-2000 Cask and to hold experiment while it is sized
	  ○ Framework to hold cask insert
	  ○ Tooling to size experiments – specific to each experiment. Will be operated using master-slave manipulators.
	Thornton reviewed and discussed the answers to Appendix B of LWP-9902.
	It was noted that an Addendum to SAR-153 is required and an ESAP will be required for each experiment to cover the specific requirements.	

4	Marty presented the instructions for Appendix C of LWP-9902 and the members are to evaluate each criteria and provide a basis for each result when a " Yes" answer is reached then no further evaluation is required. • Questions 1 – 10 were answered no with board members approval for each basis answered.	Martin McDonough

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	• • Question 11 was answered yes with board members approval for basis as the activity will be performed for the first time under ATR's safety basis. Experiments using manipulator arms have not previously been performed in the facility 670 Dry Transfer Cubicle. • The board determined that the appropriate restart is a limited scope MSA.	