D&D Subgroup Highlights
July 14, 1998

This meeting was held in the ETB Spokane River Room starting at 9:00 a.m.

Florida International University

Jim Goodenough introduced Paul Szerszen from Florida International University (FIU). Paul is working for the Hemispheric Center for Environmental Technology at FIU. His address is 10555 W. Flagler Street, Suite 2100, Miami, Florida 33174, and his phone number is (305) 348-1821. Paul is working closely with the D&D Focus Area (DDFA) on developing testing and evaluation programs for D&D. Paul is now working with the Characterization, Monitoring, and Sensor Technology (CMST) cross-cutting focus area to examine D&D needs from the CMST standpoint. One project Paul is examining is the monitoring of radiated material removed from decontaminating concrete. The intent of the project is to minimize the amount of clean or good concrete removed, thus reducing the amount of secondary waste produced and speeding up the process. Paul also mentioned that FIU is working with Argentina to share lessons in D&D work on nuclear power plants. Argentina is now beginning to D&D their power plants, also.

ASTD Proposal Status

Dennis Brown updated the subgroup on the ASTD process and the proposal we submitted. The ASTD proposals were all reviewed and ranked at a DOE-HQ meeting recently. They were then sent to the Focus Areas where they will be reviewed until July 22 when another meeting will be held at HQ to finalize which ones will be funded next FY. In the ranking already completed, the Hot Cell Cleanup proposal came out #20 out of the 53 submitted. A question was raised as to whether we can represent the proposal to the DDFA. Shannon Saget will look into this. Any funding for ASTD proposals will come out of the existing DDFA programs to pay for them. Fernald had the #1 proposal, which was similar to our Hot Cell Cleanup one. Dennis will get copies of the Fernald proposal so we can see if we can team up with them if it makes sense. There was no information on the joint proposal we submitted from the Nevada Operations office on deploying the laser cutter system. The laser cutter has been sent to LANL where it will be made portable and tested.

C-Reactor Closing Ceremony/D&D Symposium

The C-Reactor Closing Ceremony will be held on October 14 and a technical exchange symposium focusing on DOE and commercial nuclear power reactor decommissioning will be held on October 15. The closing ceremony will start in the morning at the Richland Doubletree Hotel and end at the C-Reactor site in the afternoon. There will be presentations and specifics at both locations with the last event being a ceremonial welding of the C-Reactor door. The symposium will be held at WSU-Tri-Cities and there may be a reception the night before the symposium. D&D project managers and engineers from DOE, EPRI, nuclear power utilities, and major D&D contractors will be

invited to attend as well as WSU faculty and students. This symposium will also be the kick-off for the new D&D Certificate Program at WSU.

The subgroup may make one last visit to the C-Reactor site in August and the STCG Management Council may have a tour there also in August. Don Engelman will get information to Jim Goodenough about Duke Engineering's work at K-Basin which could be presented at the symposium. There is also a closing ceremony for B-Plant being planned for October 15 and the Secretary of Energy may come to both the B-Plant and C-Reactor closing ceremonies.

Canyon Disposition Initiative Update

Kim Koegler talked about the Andros robot that will be used in the U-Plant railroad tunnel to characterize and map the radiation in the tunnel. There is another Andros robot onsite that is being used to familiarize the operators with its operations before they enter the tunnel on August 4. Andros is a tracked robot that has cameras, lights, dose detectors and other sensors. The Robotics Cross-Cutting Focus Area has been developing Andros. An article on the robot was in the June 1988 issue of the D&D Focus Area Update newsletter which will be sent to all subgroup members. In other CDI news, Ron Borisch said that the structural analysis of U-Plant is funded through the sampling and lab work phase.

Technology Insertion Points (TIPs)/MYWP Efforts

Shannon Saget presented information from a viewgraph presentation on TIPs that was given to the DOE line programs. A technology insertion point is a decision point in a project's baseline that represents areas where there are opportunities to improve the cost, schedule, and effectiveness of the baseline and also represents where the path forward is not identified or known. The baseline will not be changed until a formal decision is made. This is not really new but formalizes what is already done. Baseline change requests are for large or significant changes only. The purpose of TIPs is to allow for advanced planning by projects and will allow technology providers time to be ready with new technologies. All TIPs should be linked to the STCG needs onsite.

All TIPs will need a Technology Action Plan (TAP) to support it. The TAP is not part of the Project Management Plan which uses the baseline technologies. The TAP is broader in scope than the PMP as it will examine all pertinent technologies and how to get funding for them. Eventually the TAP should be part of the PMP in order to get funding. Bob Julian suggested that a better definition of TIP be developed and then see how and where it fits into the program planning process.

Procurement Barrier Presentation

Dave Langstaff said that Pete Knollmeyer wanted BHI to make the same presentation on bringing new technologies to the Hanford Site that they made to the D&D Subgroup, to the STCG Management Council. The presentation would include the successes and

lessons learned while procuring technologies for use as part of the AME C-Reactor Project. We would make FDH and their contractors and procurement agents aware of the presentation and invite them to attend to hear what BHI has done. BHI should talk about their successes and strategies in getting procurements for new technologies in place. The new Federal Acquisition Regulations (FAR) can be used to help this process also and these should be mentioned. The presentation should be presented in a positive light to the Management Council. There may be a follow-up meeting that the Management Council may want to get more procurement personnel together to examine all strategies with them.

Science and Technology Needs

Greg Berlin distributed copies of the draft Science and Technology needs for this year. There are 45 needs this year: 8 science needs and 37 technology needs. The schedule is to incorporate the subgroup members' comments by the end of July and have the subgroup endorse the needs at the next meeting in August. The STCG Management Council would then review them in the August meeting. Please get comments back to Greg within one week. Most of the updated needs from last year had title changes and a better definition of waste streams and radiation levels. There is an entire set of CDI needs that was added by BHI. These need to be integrated format-wise into the rest of the needs document. The review of all the needs will be done offline with members sending comments to Greg for him to deal with. The next meeting is set for August 4 at 9:00 a.m. in the ETB Wenatchee River Room.

D&D Subgroup Meeting Attendees

Gary Ballew	Pacific Rim	946-0611
Singh Bath	LMHC/FDH	176-1840
Greg Berlin	FDH	372-4352
Ron Borisch	BWHC	372-3382
Dennis Brown	DOE-RL	372-4030
Robin Duncan	BWHC	373-2229
Don Engelman	NHC/FDH	372-6536
Sue Garrett	PNNL	372-4266
Jim Goodenough	DOE-ER	376-0893
Bob Julian	Ecology	736-5702
Kim Koegler	BHI	372-9294
David Langstaff	DOE-RL/TPD	376-5580
Shannon Saget	DOE	372-4029
Paul Szerszen	FIU	305-348-1821
Steve Weakley	PNNL	372-4275
Detlev Wegener	FDH	373-2021