

## ICSBEP COB Day 1 Report

Email sent Wednesday, May 15, 2013 at 10:25 AM

Jerry and Gladys,

I presented Gary Harms' evaluation and Jeff Favorite presented his major revision of the Jezebel (legacy) evaluation today. I am pleased to report that both are "approved pending satisfactory resolution of the review comments". This is as good as it gets.

Gary's comments are minor and he will work them off in a routine fashion. Jeff has more work to do but he reiterated that it will be done. Per Jeff, LANL (i.e., Bob Little and Mark Chadwick) is committed to completing this.

There are 9 US participants:

1. Jeff Favorite (LANL) and Dave Heinrichs (LLNL) for NCSP.
2. Mike Zerke (Bettis) for NR.
3. Rich Lell and Dick McKnight (ANL) and Lori Scott under contract to OECD/NEA.
4. Blair Briggs, John Bess and Margaret Marshall (INL) for NE.

NE has only 1 legacy ORNL evaluation to present in comparison to 5 from NCSP. There are also 6 foreign evaluations.

Dave Heinrichs

**ICSBEP COB Day 2 Report**

Email sent Thursday, May 16, 2013 at 9:03 AM

Jerry and Gladys,

I forgot that Adolf Garcia is the 10th US participant. He's been quiet.

Today the 3 Russian HEU/Mo evaluations were presented by Vladimir Shmakov, Nikolai Stepanov and Marina Chubareva (VNIITF) with significant assistance from Mike Zerkle. These NCSP funded experiments passed with flying colors and are now approved (with very minor editorial changes). This completes CED-4a and I will update the IER database in early June.

Thus all 5 NCSP evaluations are now approved. Success!

Dave Heinrichs

## ICSBEP COB Day 3 Report

Email sent Friday, May 17, 2013 at 10:30 AM

Jerry and Gladys,

I met with IRSN this morning prior to the ICSBEP meeting:

1. Engagement: [Deleted] stressed his [deleted] with the French decision to not go forward with MIDAS and reiterated IRSN's desire to continue significant engagement with NCSP, which provides their only opportunity to do anything new.

2. TEX: [Deleted] wants IRSN to participate actively and fully in TEX. IRSN has a teleconference capability and I will see if we can establish this useful communication channel. They reiterated their happiness in your decision to pursue the Pu/ZPPR option and the importance of establishing baseline configurations (w/o the diluents) spanning the energy range. I told [deleted] we hoped to recommence serious work in October.

3. IER147. [Deleted] has provided the CED-2 Report to his specialists- the folks that characterized the Caliban field. I encouraged him that if IRSN wants to deploy anything in support of Godiva field characterization, they need to tell me NOW. [Deleted]

4. IER148. [Deleted] confirmed IRSN's interest in participating in our NAD exercise in 2015.

5. [Deleted] expressed his desire for an "official agreement" with you. I told him I would inform you of this request.

At ICSBEP, a legacy ORNL experiment evaluated by [deleted] was rejected. This was the 2nd year that ICSBEP considered it. I am happy to report that no NCSP funds were spent on this [deleted] of time.

VNIITF informed me that they are available to do new experiments for NCSP should you so desire. They understand their work for NCSP is complete and no more funds will be coming through Briggs. (Zerkle is still interested in HEU/Ni experiments similar to the HEU/Mo experiments they just completed.)

OECD NEA has completed lots of S/U calculations using TSUNAMI. This is great as it is free to us and available via DICE. I encouraged them to communicate with ORNL on this matter as they have not done so to date. They promised to do so and provide their presentation.

The official mandate (a charter) for ICSBEP has been finalized - no surprises. It will be revised next year for a term of 3 years.

The meeting concluded with a presentation by Kotaro Tonoike (JAEA) on JAEA criticality safety concerns regarding Fukushima fuel debris. [Deleted]

Dave Heinrichs