



**Emergency Management Issues (EMI)
Subcommittee on Consequence Assessment
and Protective Actions (SCAPA)
Source Term Working Group (STWG)**

**Highlights
STWG Conference Call**

Wednesday July 8, 2009; 4:30 PM Pacific Daylight Time

Participants:

**Maureen Alai, NARAC
Dennis Armstrong, WSMS
Wayne Davis, WSMS
Dave Freshwater, NA-41
Cliff Glantz, PNNL
Courtney Haggard, WSMS Mid-America
John Harris, DOE-ORO
Aprill Jivelekas, WSMS Mid-America**

**Jeff Long, ORNL
Steve Lockett, NA-41
Mister McDonnell, NTS/NSTec
Bill Possidente, NTS/NSTec
Jim Powers , NA-41
Rick Rodriguez, ORNL
Melissa Thornton, WSMS Mid-America
Michele Wolfgram, WSMS Mid-America**

I. Roll Call

Michele Wolfgram conducted a roll call and acknowledged that 16 individuals were present and the teleconference was called to order.

II. Administrative Matters

1. Listserv Issues: Emails were sent out both to the STWG listserv and to individual email addresses in order to provide participants an opportunity to determine if they are included on the listserv. Instructions were also sent out on how to get added to the STWG listserv if not already a member. This should resolve any further issues.

III. Old Business

1. **STWG AI 08-01**—DOE Transuranic (TRU) Standard: Michele sent out the paper regarding the DOE TRU Standard (DOE-STD-5506-2007) and the potential applications to Emergency Planning Hazards Assessments (EPHAs) for review prior to the conference call. It was decided that comments would be submitted by August 12 with the intent to have a final draft before the next conference call. Michele agreed to send out an email reminding people of the deadline as the date approaches.
2. **STWG AI 08-02**—Non-radiological vs. Radiological Health Effects: Jim Jamison was not on the conference call. Michele agreed to send Jim an email asking him to put together the objective statement for this issue to send out to the group.



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IV. New Business

1. Criticality Source Terms (ST): Wayne Davis volunteered to send out an example of how SRS handles criticality STs and modeling and ask for comments from the group. Wayne stated that he would have this example distributed in the near future.
2. Ball-milled Pu-238: Wayne Davis volunteered to share a paper written on general ball-milled characteristics and, once it is certain that the information is not sensitive, a description of how SRS handled the material. Wayne discussed that the issue revolves around the use of non-conservative Respirable Fractions (RFs) because the characteristics of the material are unusual and not widely known. He indicated that having information available would most appropriately address the issue. If no one disagrees, these papers will be posted on the website as reference documents.
3. Respirable vs. Non-Respirable STs: Wayne Davis will develop a recommendation paper discussing the use of non-respirable STs to ensure people are adequately considering non-respirable dose impacts (e.g., ground shine). He agreed to issue the paper for review before August 12.
4. Leak Path Factor (LPF): Chuck Rives developed a short summary of the objectives associated with this issue which was sent out to the group prior to the conference call. Chuck was not able to be on the conference call (due to technical difficulties). Michele asked that anyone interested in helping Chuck with this issue to email her or Chuck. The goal is to have dates for a "product" from the group by the next conference call.
5. Dose Equivalent (DE) Curies: Brian Baumann was not on the conference call. Michele agreed to send him an email to determine the status of his involvement in the group (someone mentioned that his position may have changed) and asking him to put together an objective statement to send out to the group on the issue of DE Curies.

V. Next SCAPA STWG Meeting

Michele Wolfgram indicated that next SCAPA STWG teleconference is scheduled for September 9, 2009 at 2 pm EDT.

VI. Adjournment

The meeting was adjourned at **2:30 p.m. EDT**. Michele thanked everyone for their time and their contributions.