

## **SC1: Subcommittee on DTRA Dose Reconstruction Procedures**

### **Purpose:**

This Subcommittee will serve to facilitate the work of VBDR by conducting random periodic audits of dose reconstructions and outcomes. The goal of the Subcommittee's work will be to verify the scientific validity and quality of the dose reconstruction procedures through reviews of a suitably large sample of randomly selected dose reconstructions performed by NTPR's contractor organizations. This activity will meet a requirement of item (3) (A) in Section 601 of Public Law 108-183.

### **Membership:**

The Subcommittee on Dose Reconstruction will consist of a chair (Harold Beck), and three other members of the VBDR (Paul Blake (DTRA liaison), Paul Voilleque, and Gary Zeman).

### **Function:**

The Subcommittee will perform the following tasks:

1. Assess dose reconstruction procedures (including revisions) used by NTPR contractors. These will include the procedures for determining exposure scenarios, the technical procedures for reconstructing doses, and related documentation (such as Standard Operating Procedures, NTPR methodology reports and NTPR directives).
2. Audit a random sample of DTRA dose reconstructions to assure correct procedures are being followed and to ascertain the quality of reported doses and associated uncertainty estimates.
3. Prepare a summary of the Subcommittee's findings and recommendations for Board consideration and approval.