

Experiment Safety Review Board (ESRB)

Purpose

The APS Experiment Safety Review Board (ESRB) advises PSC Management on the safe implementation of experiments performed by APS Users on the APS experiment hall floor and Laboratory Office Modules (LOMs).

The ESRB reviews each experiment that is submitted to the APS via the Experiment Safety Assessment Form (ESAF). These experiments are conducted in beamline end stations on the APS experiment hall floor and LOMs.

Method

After an experiment is submitted to the APS Experiment Safety Review system, a notification is sent to the APS ESRB and the appropriate beamline. The flow of the safety review is as described in the latest revision of the "APS Beamline Experiment Safety Reviews" section of the "APS User Safety Policies and Procedures", APS_1258430.

The ESRB (either the whole ESRB or individual members) reviews each experiment to ensure that they:

- Adequately (in sufficient details) describe the experiment
- Identify all significant risks to personnel and the environment
- Define a hazard control strategy satisfying ANL requirements and designed to reduce risks to acceptable levels

If all requirements are met, the ESRB will approve the experiment. It should be noted that approval by the host beamline is also required.

If a member of the ESRB is not available to approve an experiment and/or verify hazard controls are in place (when required) then the approval/verification will be done by the PSC Deputy Associate Laboratory Director Operations or the PSC Director.

Reports to

PSC DALD Operations

Membership

The ESRB members are appointed by the PSC Deputy Associate Laboratory Director Operations. The current ESRB members are:

Subject Area	Representative
AES - Chair	N. Moonier
WSE-ASD	E. Chang
WSE-XSD	M. Fries
WSE-PSC	P. Rossi
WSE-AES	C. Gordon
AES	W. VanWingeren
AES	E. Schmidt

Meeting Frequency

The ESRB meets periodically during APS User Runs to discuss experiments awaiting review and approval. More frequent meetings are held on an as-needed basis.