

## **The 2<sup>nd</sup> NPDGamma Experiment Safety Review in June 9th**

Dear Friends,

Thank you for taking part of the review process of the NPDGamma experiment. The 1<sup>st</sup> NPDGamma Experiment Design Review was on September 25, 2007, and we now invite you to participate in the 2<sup>nd</sup> NPDGamma Experiment Review that will be held in June 9<sup>th</sup> at SNS. The purpose of this review is to consider the design and plans of the experiment, with particular emphasis on the safety design of the liquid hydrogen target. After the successful review the experiment will initiate procurement and fabrication process of the target components.

Charge:

The Committee is asked to report to Geoff Greene.

The Committee is asked to give detailed comments to the following safety and operational issues:

- Have hazards been completely identified and accurately classified?
- Are the design and plans reasonable and do they adequately address identified hazards?
- Is the design for the liquid hydrogen target (target, control system, vent stack) capable of leading to a safe system?
- Are the proposed operational parameters and physical characteristics of the hydrogen target appropriate for safe operation?
- Are other aspects of the experiment reasonable and amenable to safe operation?

We also welcome comments on any other issues of concern from the committee.