

## **Safety Documentation Overview**

The principal safety documents for the NuMI Project are the NuMI Safety Assessment Document (SAD) and the NuMI Shielding Assessment. These documents reside within the AD documentation center and the Fermilab ES&H Section maintains a copy of each one.

The NuMI SAD addresses the safety and environmental protection concerns for the operation of the NuMI beamline and the MINOS detectors, in accordance with Chapter 2010 of the Fermilab ES&H Manual. The SAD is approved by the Fermilab ES&H Section and the DOE Fermi Site Office.

The Shielding Assessment is verified by the AD External Beams department using Fermilab-approved methodologies and approved by the lab director. The final verification of shielding uses alignment group surveys and signed “As-Built” drawings as per the Fermilab Radiological Control Manual (FRCM). Shielding configuration control is maintained through AD Operations and AD Radiation Safety Procedures. In addition, all limits associated with groundwater activation, air activation, on-site above-ground dose rates, and off-site dose rates, are maintained in accordance with the FRCM.