

**Memorandum**

April 26, 2010

**To:** Division/Section/Center Heads  
**From:** Nancy L. Grossman   
**Subject:** Summer Students and Radiation Areas-Dose Limitations

The start of the summer brings with it an influx of summer students associated with various laboratory programs. This memo is a reminder that special radiation work requirements and exposure limits apply to any student or visitor under the age of eighteen. The requirements and limits, which are in addition to the usual ones applicable to all Fermilab employees, are given below.

- a. The annual radiation dose may not exceed 100 mrem.
- b. The prior approval of the SRSO is needed before persons under 18 years of age are allowed to enter a posted radiation area or any other radiological area.
- c. Persons under 18 years of age are not permitted to enter radiation areas where the dose rate exceeds 10 mrem/hr.
- d. All persons under 18 years of age must carry a pocket dosimeter as well as a dosimetry badge when entering any radiation area and a daily dosimeter log must be kept by the supervisor and reviewed by the Division/Section/Center ES&H Department/Group.
- e. Special radiation safety training, approved by the SRSO, must be given to persons under 18 years of age who could potentially receive more than 10 mrem, as estimated by the RSO.

As a general reminder, all personnel, including summer students, who make unescorted entry into Controlled Areas are now required to have General Employee Radiological Training (GERT).

Please distribute as appropriate.

*Distributed via e-mail*

cc: ES&H Section Associate Heads  
Division/Section/Center Safety Officers  
ES&H Admin for web-posting  
ES&H Radiation Protection Staff  
Division/Section/Center Radiation Safety Officers

File: Summer Program, & Radiation Dose Limits-Underage