**Section 351.3030 Subsurface Tracer Studies**

a) All personnel handling radioactive tracer material shall be required to use protective gloves, protective clothing and equipment which prevents the spread of contamination. Precautions shall be taken by the licensee or registrant to prevent ingestion or inhalation of radioactive material.

b) No licensee or registrant shall cause the injection of radioactive material into potable aquifers without specific license authorization issued by the Agency pursuant to 32 Ill. Adm. Code 330.250. The authorization will be issued only if:

1) The applicant's proposed procedures will prevent tracer concentrations at the most exposed drinking water source or public water supply inlet from exceeding the Illinois Environmental Protection Agency's drinking water quality standards in 35 Ill. Adm. Code 604; and

2) The applicant's proposed procedures will be performed:

A) On an underground injection well for which a U.S. Environmental Protection Agency underground injection control program permit has been issued pursuant to 40 CFR 124 or 40 CFR 144 revised as of July 1, 1990, or pursuant to 35 Ill. Adm. Code 705 or 62 Ill. Adm. Code 240; or

B) On a well for which the Illinois Environmental Protection Agency has otherwise approved a subsurface radioactive tracer study pursuant to 35 Ill. Adm. Code 704; or

C) On a well for which the Illinois Department of Natural Resources has otherwise approved a subsurface radioactive tracer study pursuant to 62 Ill. Adm. Code 240.

(Source: Amended at 28 Ill. Reg. 12643, effective October 1, 2004)