

William VonTill

Project Manager/Hydrogeologist

**Office of Nuclear Material Safety and Safeguards
Division of Fuel Cycle Safety and Safeguards
Fuel Cycle Facilities Branch
Uranium Processing Section**

1

June 2003

ALTERNATE CONCENTRATION LIMITS

REGULATORY FRAMEWORK:

10 CFR Part 40, Appendix A, Criterion 5B6

Licensee can submit ACLs that present no significant hazard and must provide the basis for any proposed limits including consideration of practicable corrective actions, that limits are as low as reasonably achievable, and information on the factors the Commission must consider. The Commission will establish a site specific alternate concentration limit for a hazardous constituent if it finds that the proposed limit is as low as reasonably achievable, after considering practicable corrective actions, and that the constituent will not pose a substantial present or potential hazard to human health or the environment as long as the alternate concentration limit is not exceeded.

2

June 2003