

“Potential Future Revisions to 40 CFR Part 190”

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ABSTRACT

EPA developed its regulation governing the nuclear power industry in 1977. The Agency’s *Environmental Radiation Protection Standards for Nuclear Power Operations* at 40 CFR Part 190 apply to radiation doses received by members of the public in the general environment and to radioactive materials introduced into the general environment as the result of operations which are part of a nuclear fuel cycle producing electricity. The standards apply to all fuel cycle facilities including: milling of uranium ore, chemical conversion of uranium, isotopic enrichment of uranium, fabrication of uranium fuel, generation of electricity by a light-water-cooled nuclear power plant using uranium fuel, and potentially reprocessing of spent uranium fuel, to the extent that these directly support the production of electrical power for public use utilizing nuclear energy.

The Agency has developed an Advanced Notice of Proposed Rulemaking (ANPR) for soliciting comments on potential revisions to the existing standard. The ANPR outlines several key issues that the Agency believes are ripe for discussion with respect to a potential revision. The presentation will discuss some of the considerations regarding this standard.