

May 18, 2012

MEMORANDUM TO: R. W. Borchardt
Executive Director for Operations

FROM: Annette L. Vietti-Cook, Secretary /RA/

SUBJECT: STAFF REQUIREMENTS – SECY-12-0042 – COLORADO
ALTERNATIVE STANDARDS; IMPLEMENTATION OF THE
ALTERNATIVE STANDARDS PROVISION IN SECTION 274o OF
THE ATOMIC ENERGY ACT OF 1954, AS AMENDED

The Commission has approved the staff's recommended determination that the Colorado proposed alternative standards for soil cleanup at the Uravan site provide a level of protection that is more stringent than that provided by the federal standards for 11e.(2) byproduct material.

The Public Comment and NRC Response (Enclosure 1) should be revised as follows:

- a. On page 2, paragraph 2, revise lines 4 through 5 to read ' ... licensee's report and **has concluded that, while the current levels are higher than the standards above,** ~~believes the areas were remediated to current levels, and they are~~ protective of public health (ML092820404). **The licensee performed dose calculations based on reasonable future use after termination of the specific license and transfer to the U.S. Department of Energy (DOE) for long-term care of the site. Based on this evaluation, the licensee concluded that the doses received would be less than the doses associated with the clean-up standards due to physical limitations, which would reduce the potential for human exposure. These dose calculations identified that the level of protection provided by the alternative standards is more stringent than the level of protection that was the basis for the current standards.'** Delete the last 2 sentences (In addition, the licensee ... the current standards.)
- b. On page 3, paragraph 3, revise line 8 to read ' ... regulations **based on physical limitations of the areas, which would reduce the possibility of human exposure. The proposed standards also** ~~and~~ avoid significant'

In the *Federal Register* notice (Enclosure 3), page 3, paragraph 2, revise line 14 to read ' ... provide an **equivalent or more stringent** ~~adequate~~ level of protection'

cc: Chairman Jaczko
Commissioner Svinicki
Commissioner Apostolakis
Commissioner Magwood
Commissioner Ostendorff
OGC

CFO
OCA
OPA
Office Directors, Regions, ACRS, ASLBP (via E-Mail)
PDR