

§ 421.327

PSNS FOR THE SECONDARY URANIUM  
SUBCATEGORY

| Pollutant or pollutant property | Maximum for any 1 day  | Maximum for monthly average |
|---------------------------------|--|-----------------------------|
|                                 | mg/kg (pounds per million pounds) of uranium processed in the refinery |                             |
| Chromium (total) .....          | 0.000  | 0.000                       |
| Copper .....                    | 0.000  | 0.000                       |
| Nickel .....                    | 0.000  | 0.000                       |
| Fluoride .....                  | 0.000  | 0.000                       |

(e) Evaporation and denitration wet air pollution control.

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|---------------------------------|---|-----------------------------|
|                                 | mg/kg (pounds per million pounds) of uranium tri-oxide produced |                             |
| Chromium (total) .....          | 0.000   | 0.000                       |
| Copper .....                    | 0.000   | 0.000                       |
| Nickel .....                    | 0.000   | 0.000                       |
| Fluoride .....                  | 0.000   | 0.000                       |

(f) Hydrofluorination alkaline scrubber.

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|---------------------------------|---|-----------------------------|
|                                 | mg/kg (pounds per million pounds) of uranium tetrafluoride produced |                             |
| Chromium (total) .....          | 0.007   | 0.003                       |
| Copper .....                    | 0.026   | 0.012                       |
| Nickel .....                    | 0.011   | 0.007                       |
| Fluoride .....                  | 0.700   | 0.398                       |

(g) Hydrofluorination water scrubber.

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|---------------------------------|---|-----------------------------|
|                                 | mg/kg (pounds per million pounds) of uranium tetrafluoride produced |                             |
| Chromium (total) .....          | 0.000   | 0.000                       |
| Copper .....                    | 0.000   | 0.000                       |
| Nickel .....                    | 0.000   | 0.000                       |
| Fluoride .....                  | 0.000   | 0.000                       |

40 CFR Ch. I (7-1-09 Edition)

(h) Magnesium reduction and casting floor wash.

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|---------------------------------|---|-----------------------------|
|                                 | mg/kg (pounds per million pounds) of uranium tri-oxide produced |                             |
| Chromium (total) .....          | 0.011   | 0.005                       |
| Copper .....                    | 0.039   | 0.018                       |
| Nickel .....                    | 0.017   | 0.011                       |
| Fluoride .....                  | 1.054   | 0.599                       |

(i) Laundry wastewater.

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| Pollutant or pollutant property | Maximum for any 1 day  | Maximum for monthly average |
|---------------------------------|--|-----------------------------|
|                                 | mg/kg (pounds per million pounds) of uranium produced by magnesium reduction |                             |
| Chromium (total) .....          | 0.036  | 0.014                       |
| Copper .....                    | 0.123  | 0.059                       |
| Nickel .....                    | 0.053  | 0.036                       |
| Fluoride .....                  | 3.360  | 1.910                       |

§ 421.327 [Reserved]

Subpart AE—Primary Zirconium and Hafnium Subcategory

SOURCE: 50 FR 38395, Sept. 20, 1985, unless otherwise noted.

§ 421.330 **Applicability: Description of the primary zirconium and hafnium subcategory.**

The provisions of this subpart are applicable to discharges resulting from the production of zirconium or hafnium at primary zirconium and hafnium facilities. There are two levels of BPT, BAT, NSPS, PSES and PSNS provisions for this subpart. Facilities which only produce zirconium or zirconium/nickel alloys by magnesium reduction of zirconium dioxide are exempt from regulations. All other facilities are subject to these regulations.

§ 421.331 **Specialized definitions.**

For the purpose of this subpart the general definitions, abbreviations, and