

**Environmental Protection Agency**

**§ 421.331**

**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.

**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 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.

**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 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.

**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 tetrafluoride produced	
Chromium (total) .....	0.000	0.000
Copper .....	0.000	0.000
Nickel .....	0.000	0.000
Fluoride .....	0.000	0.000

(h) Magnesium reduction and casting floor wash.

**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 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.

**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 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