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Composition of ruthenium oxide

• CRC says it decomposes, but does not give the rate.

Ru release rate of .012/minute @ 800-850 K

$$\frac{.012}{\text{min}} \times \frac{60 \text{ min}}{\text{hr}} \times \frac{24 \text{ hr}}{\text{day}} = 14.42/\text{day}$$

• seems high

$$\text{NARE/CR} - 6218 \text{ shus} = \frac{.6062}{24 \text{ hr}} \cdot \frac{10 \text{ hr}}{\text{day}} = 1.452/\text{day}$$

at 873 K

3rd bullet on page 16

Release rates in before sheath oxidation - (could be given);

no hole in sheath)

Post release rates (in steam) after complete sheath

oxidation not very temperature dependent.