

6/14

oxidation not very temperature dependent.

Fast release rates (in steam) after complete sheath

no hole in sheath)

Release rates in bare sheath oxidation - (could be given)

3rd bill on page 16

at 873K

$$1.45\%/\text{day} = \frac{.606\%}{24\text{hr}} \cdot \frac{10\text{hr}}{\text{day}} \cdot \text{NURE/CR-6218 sheath}$$

seems high

$$14.4\%/\text{day} = \frac{.01\%}{\text{min}} \times \frac{60\text{min}}{\text{hr}} \times \frac{24\text{hr}}{\text{day}}$$

Ru release rate of .01%/minute @ 800-850K

Composition of ruthenium oxide

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

2/5/01

at 5:00pm