PWR Shutdown Chemistry Control During Short Duration Outages

"Using the most recent version of the PWR chemistry guidelines helped us minimize personnel exposure during a short duration outage in which we had to contend with a substantial number of failed fuel rods." (Reuben Hamilton and Bruce Schmidt, Omaha Public Power District.)

- The shutdown procedure described here resulted in a person-rem savings of $154,000, with $26,000 being realized from a measured 50% reduction in dose rates in the vicinity of a reactor coolant pump.

- Being able to avoid placing a non-lithiated ion exchange bed into service saved $25,000 in radwaste costs.


This document can also be obtained via our World Wide Web site at the following address:

"http://www.alara.bnl.gov"

Select ALARA Notes from the offerings, then select "New Notes". You can then proceed to the document number above.