# *NRC Decommissioning Lessons Learned*

## *Search Criteria:*

***Year:*** 2004 ***Facility Type:*** All Facility Types

***Stage:*** All Functional Areas ***Benefit:*** All Benefits

***Lesson ID:*** 2004-01 ***Facility Type:*** Reactors, Material Facilities ***Stage:*** Decommissioning Work

***Benefits:*** Facilitates Decommissioning Licensing

***Subject:*** Approach for realistic scenario analyses at the Kiski Valley Water Pollution Control Authority (KVWPCA) site, including scenarios for reasonably foreseeable onsite and offsite land uses

***Discussion:*** At the KVWPCA site, the NRC staff provided the results of its own dose assessment to support a recommendation to the Commission of no further decommissioning action (SECY-04-0102). The Commission approved the staff's recommendation, including the application of the realistic scenario approach for this site. The dose assessment included a range of potential scenarios, both reasonably foreseeable land use scenarios (abandoned in place and offsite disposal) as well as less likely uses that were also assessed to bound the uncertainty associated with future land use. This case study is an example of the application of NRC's realistic scenario approach to analyze reasonable foreseeable land uses, less likely land uses, and offsite uses after license termination.

***References:*** SECY-04-0102: Results of the NRC Staff's Evaluation of Potential Doses to the Public from Material at the Kiski Valley Water Pollution Control Authority Site in Leechburg, Pennsylvania
http://www.nrc.gov/reading-rm/doc-collections/commission/secys/2004/secy2004-0102/2004-0102scy.pdf