

**Preliminary List of Programs and Projects Potentially Impacted
by Ecology's Administrative Order
As of May 9, 2003**

- **Plutonium Finishing Plant** – all operations and risk reduction activities significantly jeopardized by the prohibition on generation of new mixed waste.
 - 90% of plutonium stabilization and repackaging work
 - 100% of PFP decontamination and deactivation activities
 - Maintenance activities necessary to maintain safe conditions at PFP.

- **Hanford Tank Farms** -- significant impacts to safe, environmentally compliant, and efficient operations across the farms. The order would require us to stop all discretionary activities that accelerate cleanup and reduce risk because these activities create solid and liquid mixed wastes prohibited by the order.
 - Interim stabilization of single shell tanks and sampling and retrieval work on Tank C-106 – key risk reduction projects
 - Sampling, characterization and analysis on tank waste
 - Field construction in areas of contamination or potential contamination
 - Vault sampling and retrieval on 244-AR
 - Installation of equipment for waste retrieval from tanks S-102 and S-112
 - Efforts to retrieve/package/send offsite transuranic waste from the tanks

- **Pacific Northwest National Laboratory** – Detrimental impact to the Lab's cleanup support activities and critical national security programs.
 - Waste Treatment Plant process testing and waste characterization activities
 - Supplemental technology program for Low Activity Waste (LAW) vitrification in support of accelerated tank closure
 - Hanford Tank Farm vadose zone characterization activities
 - Processing support for K-basin sludge retrieval

- Licensing support for the geologic repository (Yucca Mountain)
- Some Environmental Management Science Program basic science research in support of DOE cleanup activities
- In addition, there are eight major national security programs impacted -- including work for the National Nuclear Security Administration and the Department of Defense.

- **Other Impacts**

- Major required shift in program direction from treating the legacy mixed waste stream to dealing with newly generated waste.
- Restriction on preventative maintenance and D&D work in areas that could generate mixed waste, especially the Central Plateau's plutonium concentration facilities, and the now shutdown U Plant reprocessing canyon.
- Curtailment of half of all analytical activities at the 222-S Laboratory and Waste Sampling and Characterization Facility
- No more decontamination and deactivation work at the 233-S building
- Can not do maintenance work on equipment at the K Basins, Canister Storage Building, T Plant, and a number of other facilities
- Will not retrieve suspect waste from Low Level Burial Grounds