

3474. WASTECOST Handbook

The WASTECOST computer code helps nuclear utilities evaluate the costs associated with low level waste (LLW). This handbook satisfies industry needs for additional information on routine use of the WASTECOST code for dry active waste (DAW) analyses, offers guidance on expanded use of the code in areas such as procurement cost analyses, and presents a detailed method for analyzing and improving the data output. The handbook provides an indispensable tool for working with the code and analyzing alternative LLW management, volume reduction, and cost scenarios.

This handbook provides:

- Detailed reference information and guidance on use of the WASTECOST computer code
- Troubleshooting guidance to identify critical input data and evaluate the accuracy of input values for the WASTECOST computer code
- Typical, expected industry output (result) values or norms for all of the most common off-site and on-site volume reduction processing methods
- A detailed method for analyzing data and identifying the root cause of lower- or higher-than-expected output values such as poor volume reduction efficiencies or high total labor costs
- A comprehensive set of instructions for analyzing the more common alternative LLW management scenarios, developing and using new scenarios, and evaluating the impact and/or benefit of specific program changes

The WASTECOST computer code and this *WASTECOST Handbook* meet the need for a standardized method for identifying and tracking the volume and economic data necessary in operating a highly efficient LLW program. Based on site-specific input from the user, WASTECOST calculates a baseline program cost that can be compared against industry expected norms. Alternative processing scenarios can also be compared against this baseline program cost.

For more information see: EPRI TR-106927, Final Report, November 1996, 116 pages.

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

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