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Vitrification Publication Bibliography

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Background

This literature search was performed during the Summer of 1994 by a group of about 12 graduate students in the Department of Mechanical Engineering and Material Science at Washington State University. The work was funded by the U.S. Department of Energy through the TWRs Technology Development Program Office.

The literature search was designed to be an exhaustive search for research and development work involving the vitrification of mixed wastes, published by both domestic and foreign researchers, primarily during 1989-1994. "Exhaustive" means that all publications related to the topic, even tangentially, would be found. Each citation appears only once in the data base, even though it may have been located many times. The search techniques were dominated by electronic methods.

The original purpose for conducting this literature search was *not* to obtain technical information, although many researchers have since found it useful for that purpose. The Department's purpose was to locate all active researchers that might have an interest in technology development Request for Proposals.

There are numerous documents available to the public that have been released subsequent to this search; the Offeror is encouraged to perform searches for alternate sources of information.

The citations are sorted alphabetically by author. The bibliography is also available in electronic format, Windows Reference Manager.

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The cited documents, and other relevant information, are available through several sources:

- 1) Benton Franklin County Law Library (Federal and Washington State codes)
Columbia Basin College
Attention: Stephanie Badalamente
Telephone No: (509) 547-0511 Ext. 290

- 2) Center for Environmental Management (DOE-EM)
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Note: A limited number of documents will be provided by the Hanford Technical Library at no cost, generally in microfiche format; however, rush service is not available for off-site requests.

4) Internet Resources (there may be a fee for some services) —

- ANSI Homepage — <http://www.ansi.org/>
- ASME Homepage — <http://www.asme.org/>
- ASTM Homepage — <http://www.astm.org/>
- Code of Federal Regulations — <http://www.pls.com:8001/his/cfr.html/>
also, <http://www.counterpoint.com/>
- DEARs — <http://apollo.osti.gov/procure/dear.html/>
- DOE Orders — <http://www.hr.doe.gov/>
- DNFSB Recommendations — <http://www.dnfsb.gov/>
- DOE Homepage — <http://www.doe.gov/>
- FARs — <http://www.gsa.gov:80/far/>
- Hanford Homepage — <http://www.hanford.gov/>
- NUREG Homepage — <http://www.nrc.gov/>
- PNL External Homepage — <http://www.pnl.gov:2080/>
- RCW — The Revised Code of Washington is at
gopher://marvel.doc.gov:70/http703Aleginfo.leg.wa.gov/@/pub/rcw/
- TWRS Characterization On-line Document Library —
http://www.hanford.gov/twrs/char.pub/doc_toc.htm/
- U.S. Code — <http://www.law.cornell.edu/uscode/>

- WAC – The Washington Administrative Code may be found at
gopher://cfr.counterpoint.com:3147/11/
- 5) National Technical Information Service, telephone (800) 553-6847
- 6) Office of Civilian Radioactive Waste Management (DOE-RW)
Telephone No: (800) 225-6972
- 7) Public Request (primarily WHC documents and DOE documents)
Attention: Ms. Ann Sada
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