

INSTRUCTIONS: Because of security features in the NRC web site, you will need to retrieve your first report through the ADAMS search page. We have provided a link to this page. From there, select the "Advanced Search" feature. Enter the report number for your first report in the "Document/Report Number" field and click on "Search." This will retrieve your report and also activate your access to the entire ADAMS library from this spreadsheet. By keeping your browser window open, you will be able to retrieve subsequent reports by simply launching the corresponding "Access Archive" link.

[Launch ADAMS](#)



REPORT TITLE	REPORT NUMBER	DATE ISSUED	WEBLINK
Stress Corrosion Cracking of Waste Package Material: Modeling and Experiments	CNWRA 2007-01	December-06	Access Archive
Corrosion of Alloy 22 in Concentrated Nitrate and Chloride Salt Environments at Elevated Temperatures: A Progress Report	CNWRA 2006-02	April-06	Access Archive
Crevice Corrosion Penetration Rates of Alloy 22 in Chloride-Containing Waters: Progress Report	CNWRA 2006-01	December-05	Access Archive
Microstructural Analyses and Mechanical Properties of Alloy 22	CNWRA 2005-03	March-05	Access Archive
Passive and Localized Corrosion of Overpack Materials-Modeling and Experiments	CNWRA 2005-02	March-05	Access Archive
Microbially Influenced Corrosion Studies of Engineered Barrier System Materials	CNWRA 2005-01	July-04	Access Archive
A Review Report on High Burnup Spent Nuclear Fuel-Disposal Issues	CNWRA 2004-08	September-04	Access Archive
The Effects of Fabrication Processes on the Mechanical Properties of Waste Packages-Progress Report	CNWRA 2004-03	August-03	Access Archive
Natural Analogs of High-Level Waste Container Materials-Experimental Evaluation of Josephinite	CNWRA 2004-02	January-04	Access Archive
Effect of Fabrication Processes on Material Stability-Characterization and Corrosion	CNWRA 2004-01	October-03	Access Archive
Assessment of Mechanisms for Early Waste Package Failures	CNWRA 2003-05	March-03	Access Archive
Stress Corrosion Cracking and Hydrogen Embrittlement of Container and Drip Shield Materials	CNWRA 2003-02	October-02	Access Archive
Passive Dissolution of Container Materials-Modeling and Experiments	CNWRA 2003-01	October-02	Access Archive
Evaluation of Analogs for the Performance Assessment of High-Level Waste Container Materials	CNWRA 2002-02	March-02	Access Archive
Effect of In-Package Chemistry on the Degradation of Vitrified High-Level Radioactive Waste and Spent Nuclear Fuel Cladding	CNWRA 2002-01	October-01	Access Archive
Effect of Environment on the Corrosion of Waste Package and Drip Shield Materials	CNWRA 2001-03	September-01	Access Archive

INSTRUCTIONS: Because of security features in the NRC web site, you will need to retrieve your first report through the ADAMS search page. We have provided a link to this page. From there, select the "Advanced Search" feature. Enter the report number for your first report in the "Document/Report Number" field and click on "Search." This will retrieve your report and also activate your access to the entire ADAMS library from this spreadsheet. By keeping your browser window open, you will be able to retrieve subsequent reports by simply launching the corresponding "Access Archive" link.

[Launch ADAMS](#)



REPORT TITLE	REPORT NUMBER	DATE ISSUED	WEBLINK
Assessment of Methodologies to Confirm Container Performance Model Predictions	CNWRA 2000-06 Revision 1	January-01	Access Archive
Effects of Environmental Factors on the Aqueous Corrosion of High-Level Radioactive Waste Containers: Experimental Results and Models	CNWRA 99-004	September-99	Access Archive
Assessment of Performance Issues Related to Alternate Engineered Barrier System Materials and Design Options	CNWRA 99-003	September-99	Access Archive
Effects of Environmental Factors on Container Life	CNWRA 98-008	July-98	Access Archive
Effect of Galvanic Coupling Between Overpack Materials of High-Level Nuclear Waste Containers -- Experimental and Modeling Results	CNWRA 98-004	March-98	Access Archive
An Analysis of Galvanic Coupling Effects on the Performance of High-Level Nuclear Waste Container Material	CNWRA 97-010	August-97	Access Archive
Thermal Stability and Mechanical Properties of High-Level Radioactive Waste Container Materials: Assessment of Carbon and Low-Alloy Steels	CNWRA 96-004	May-96	Access Archive
Expert-Panel Review of the Integrated Waste Package Experiments Research Project	CNWRA 95-020	September-95	Access Archive
Experimental Investigations of Failure Processes of High-Level Radioactive Waste Container Materials	CNWRA 95-010	May-95	Access Archive
Environmental Effects on Stress Corrosion Cracking of Type 316L Stainless Steel and Alloy 825 as High-Level Nuclear Waste Container Materials	CNWRA 94-028	October-94	Access Archive
A Review of Degradation Modes of Alternate Container Designs and Materials	CNWRA 94-010	April-94	Access Archive
A Review of the Potential for Microbially Influenced Corrosion of High-Level Nuclear Waste Containers	CNWRA 93-014	June-93	Access Archive
Characteristics of Spent Nuclear Fuel and Cladding Relevant to High-Level Waste Source Term	CNWRA 93-006	May-93	Access Archive
Experimental Investigations of Localized Corrosion of High-Level Nuclear Waste Container Materials	CNWRA 93-004	February-93	Access Archive

Center for Nuclear Waste Regulatory Analyses (CNWRA) Reports to the NRC: 1991-2006

INSTRUCTIONS: Because of security features in the NRC web site, you will need to retrieve your first report through the ADAMS search page. We have provided a link to this page. From there, select the "Advanced Search" feature. Enter the report number for your first report in the "Document/Report Number" field and click on "Search." This will retrieve your report and also activate your access to the entire ADAMS library from this spreadsheet. By keeping your browser window open, you will be able to retrieve subsequent reports by simply launching the corresponding "Access Archive" link.

[Launch ADAMS](#)



REPORT TITLE	REPORT NUMBER	DATE ISSUED	WEBLINK
Long-Term Stability of High-Level Nuclear Waste Container Materials: Thermal Stability of Alloy 825	CNWRA 93-003	February-93	<u>Access Archive</u>
A Review of Stress Corrosion Cracking of High-Level Nuclear Waste Materials	CNWRA 92-021	August-92	<u>Access Archive</u>
Hydrogen Embrittlement of Candidate Container Materials	CNWRA 91-008	June-91	<u>Access Archive</u>
A Review of Localized Corrosion of High-Level Nuclear Waste Container Materials	CNWRA 91-004	April-91	<u>Access Archive</u>