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Geosciences and Engineering Division

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December 20, 2005

Contract No. NRC-02-02-012

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U.S. Nuclear Regulatory Commission  
ATTN: Mrs. Deborah A. DeMarco  
Division of High-Level Waste Repository Safety  
Two White Flint North  
11545 Rockville Pike  
Mail Stop T8-A23  
Washington, DC 20555

Subject: Programmatic review of abstract for presentation at the 9<sup>th</sup> International Symposium on Electrochemical Methods in Corrosion Research in Dourdan, France on June 18-23, 2006

Dear Mrs. DeMarco:

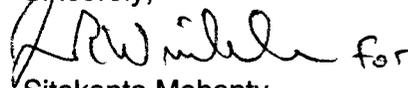
Enclosed is the following abstract with form 390A being submitted for NRC programmatic review.

Potentiodynamic Polarization and Galvanic Coupling to Evaluate Localized Corrosion of Alloy 22 in Chloride Solutions authored by X. He (CNWRA), D.S. Dunn (SwRI) and A. Csontos (NRC)

The abstract examines the localized corrosion susceptibility and propagation behavior of various metal-to-metal crevices in chloride solutions. The information presented in this abstract has not been previously reviewed by the NRC. Dr. He's attendance at the conference has been approved under the projected foreign travel for fiscal year 2006.

Please advise me of the results of your programmatic review. If you have any questions regarding this abstract, please contact Dr. Xihua He at (210) 522-5194. Your cooperation in this matter is appreciated.

Sincerely,



Sitakanta Mohanty  
Assistant Director  
Engineering and Systems Assessment

SM:XH:jg

cc:	W. Reamer	L. Kokajko	J. Guttman	T. Ahn	X. He	L. Yang	<u>Ltr_only</u>
	D. DeMarco	E. Collins	F. Brown	A. Csontos	D. Dunn	P. Shukla	GED Directors
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Potentiodynamic Polarization and Galvanic Coupling to Evaluate Localized Corrosion of Alloy 22 in Chloride Solutions

2. **AUTHOR(s)**  
X. He (CNWRA), D.S. Dunn (SwRI), and A. Csontos (NRC)

3. **NAME OF CONFERENCE, LOCATION, AND DATE(s)**  
Electrochemical Methods in Corrosion Research 2006, 9<sup>th</sup> International Symposium, Dourdan, France, June 18-23, 2006

4. **NAME OF PUBLICATION**  
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