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November 2, 2005
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Account No. 20.06002.01.332

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

Subject: Programmatic Review of an Extended Abstract for Submission to the 2006 International High-Level Radioactive Waste Management Conference on April 30 –May 4, 2006, in Las Vegas, Nevada (AI 20.06002.01.332.603)

Dear Mrs. DeMarco:

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

An Independent Analysis of External Radiation Dose Fields in the Operational Facilities
at the Potential High-Level Waste Geologic Repository at
Yucca Mountain, Nevada, authored by Oleg Povetko

The extended abstract discusses the results of independent analyses of external radiation fields in the waste package emplacement and main access drifts of underground facilities of the potential high-level waste repository.

Please advise me of the results of your programmatic review.

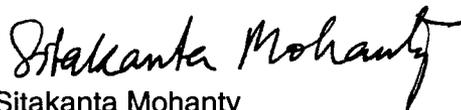


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Mrs. Deborah A. DeMarco
November 1, 2005
Page Two

If you have any questions regarding this abstract, please contact me at (210) 522-5185 or Dr. Oleg Povetko at (210) 522-5258. Your cooperation in this matter is appreciated.

Sincerely,



Sitakanta Mohanty
Assistant Director
Engineering and Systems Assessment

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An Independent Analysis of External Radiation Dose Fields in the Operational Facilities at the Potential High-Level Waste Geologic Repository at Yucca Mountain, Nevada

2. AUTHOR(s)

Oleg Povetko

3. NAME OF CONFERENCE, LOCATION, AND DATE(s)

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4. NAME OF PUBLICATION

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6. CONTRACTOR NAME AND COMPLETE MAILING ADDRESS (Include ZIP code)

**Dr. Oleg Povetko
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