

Solidification Technologies for Radioactive and Chemical Liquid Waste Treatment

FINAL CRADA REPORT

Global Security Sciences

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prepared by
Andrew J. Castiglioni
Global Security Sciences, Argonne National Laboratory

Artem Gelis
Nuclear Engineering

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**Non Proprietary
Final CRADA Report**

Date: 26 October 2016

CRADA Number: C0700501

CRADA Title: Solidification Technologies for Radioactive and Chemical Liquid Waste Treatment

CRADA Start/End Date: 4/5/2007 to 6/30/2012

Argonne Dollars: \$218,700

Participant Dollars: "in kind"

Argonne PI: Artem Gelis

Participant(s):

Dennis B. Kelley "in kind"
Name Participant Dollars

Pacific World Trade, 6970 Hillside Court, Indianapolis, IN 46250
Complete Address

Name Participant Dollars

Complete Address

Name Participant Dollars

Complete Address

DOE Program Regina Carter, DOE/NNA
Manager:

Summary of Major Accomplishments:

This project, organized under DOE/NNSA's Global Initiatives for Proliferation Prevention program, joined Russian and DOE scientists in developing more effective solidification and storage technologies for liquid radioactive waste. Several patent applications were filed by the Russian scientists (Russia only) and in 2012, the technology developed was approved by Russia's Federal State Unitary Enterprise RADON for application throughout Russia in cleaning up and disposing of radioactive waste.

Summary of Technology Transfer Benefits to Industry:

This project developed new applications for the Nochar polymers, distributed by Pacific World Trade. The results of this project opened new commercial avenues for U.S. Industry.

Other Information/Results: (Papers, Inventions, Software, etc.)

None. Patent applications described above were made only for Russia.

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