

October 21, 2009

Mr. Mark D. Stanek  
Stepan Company  
100 West Hunter Avenue  
Maywood, NJ 07607

SUBJECT: LICENSE AMENDMENT NO. 4 FOR SOURCE MATERIAL LICENSE STC-1333,  
ISSUED BY THE U.S. NUCLEAR REGULATORY COMMISSION TO THE  
STEPAN CHEMICAL COMPANY, MAYWOOD, NEW JERSEY

Dear Mr. Stanek:

By letter dated May 20, 2009, (ML091540234), Stepan Company (Stepan) requested that the U.S. Nuclear Regulatory Commission (NRC) amend Source Materials License STC-1333 to exclude one monitoring well (Well No. 6) from the groundwater monitoring program.

Based on the NRC's staff's review of the groundwater monitoring data and the information supporting your request, the NRC has determined that public health and safety remains adequately protected if Well No. 6 is excluded from the groundwater monitoring program. Therefore, License Condition 12 has been modified to exclude Well No. 6 from future monitoring requirements. In addition, the following administrative revisions have been made to STC-1333: License Conditions 1 and 4 were updated with the new Licensee's name and revised expiration date; License Condition No. 11 has been revised to reflect the education, training and qualifications required for the site Radiation Safety Officer; and, License Condition 13 has been deleted and incorporated into Condition No. 12 for the groundwater monitoring program. New License Conditions 15, 16, and 17 were added to reference documents governing license conditions, financial assurance, and submitting future reports, respectively.

Pursuant to Title 10, Code of Federal Regulations (10 CFR) Part 40, Source Material License No. STC-1333 for the Maywood, New Jersey site is hereby amended as described above. The staff's evaluation supporting these changes is discussed in the enclosed Technical Evaluation Report (TER).

An environmental assessment for the action is not required because the license revisions are categorically excluded under 10 CFR 51.22(c)(11) for administrative, organizational or procedural changes.

M. Stanek

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If you have any questions please contact Ms. Yolande Norman at (301) 415-7741, or via e-mail at [yolande.norman@nrc.gov](mailto:yolande.norman@nrc.gov). In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records component of NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

Sincerely,

***/RA/***

Keith I. McConnell, Deputy Director  
Decommissioning and Uranium Recovery  
Licensing Directorate  
Division of Waste Management  
and Environmental Protection  
Office of Federal and State Materials  
and Environmental Management Programs

Docket No.: 040-8610  
License No.: STC-1333

Enclosures:

1. License Amendment
2. Technical Evaluation Report

cc: Stepan Dist. List

M. Stanek

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If you have any questions please contact Ms. Yolande Norman at (301) 415-7741, or via e-mail at [yolande.norman@nrc.gov](mailto:yolande.norman@nrc.gov). In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records component of NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

Sincerely,

Keith I. McConnell, Deputy Director  
Decommissioning and Uranium Recovery  
Licensing Directorate  
Division of Waste Management  
and Environmental Protection  
Office of Federal and State Materials  
and Environmental Management Programs

Docket No.: 040-8610  
License No.: STC-1333

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1. License Amendment
2. Technical Evaluation Report

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OFFICE	MDB/PM	DURLD/LA	SPB/BC	OGC	DURLD/DD
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DATE	07/06 /2009	07/08/2009	08/04 /2009	08/29/2009	10/21/2009

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