

**NUCLEAR REGULATORY COMMISSION**  
REGION I  
475 ALLENDALE ROAD  
KING OF PRUSSIA, PENNSYLVANIA 19406-1415



April 20, 2010

Docket No. 04008610

License No. STC-1333

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

SUBJECT: NRC INSPECTION REPORT NO. 04008610/2009001, STEPAN COMPANY,  
MAYWOOD, NEW JERSEY SITE

Dear Mr. Stanek:

On December 8, 2009 and March 2, 2010, Mark Roberts of this office conducted a safety inspection at the above address of activities authorized by the above listed NRC license. The inspection was limited to observations by the inspector, interviews with personnel, selective examination of records, and confirmatory surveys of burial pit #3. Additional information was provided on February 4, February 23, and March 23, 2010 and was examined as part of the inspection. The findings of the inspection were discussed separately with you and Michael Winters of Shaw Group at the conclusion of the inspection. The enclosed report presents the results of this inspection.

Within the scope of this inspection, no violations were identified.

Current NRC regulations are included on the NRC's website at [www.nrc.gov](http://www.nrc.gov); select **Nuclear Materials; Medical, Academic, and Industrial Uses of Nuclear Material**; then **Regulations, Guidance, and Communications**. The current NRC Enforcement Policy is included on the NRC's website at [www.nrc.gov](http://www.nrc.gov); select **About NRC; How We Regulate; Enforcement**; then **Enforcement Policy**. You may also obtain these documents by contacting the Government Printing Office (GPO) toll-free at 1-866-512-1800. The GPO is open from 7:00 a.m. to 6:30 p.m. EST, Monday through Friday (except Federal holidays).

Please note that the inspection results do not constitute approval by the NRC for release of your facility for unrestricted use. The results of this inspection, and all other applicable information available to the NRC, will be examined at some future time to determine if your facility may be released for unrestricted use.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure, will be made available electronically for public inspection in the NRC Public Document Room or from the NRC document system (ADAMS), accessible from the NRC website at <http://www.nrc.gov/reading-rm/adams.html>.

No reply to this letter is required. Please contact Mark Roberts at (610) 337-5094 if you have any questions regarding this matter.

Sincerely,

***Original signed by Judith A. Joustra***

Judith A. Joustra, Chief  
Decommissioning Branch  
Division of Nuclear Materials Safety

Enclosure:  
Inspection Report No. 04008610/2009001

cc w/ encl:  
Michael Winters, Radiation Safety Officer, Shaw Environmental  
David Hays, Project Health Physicist, USACE  
Patricia Gardner, Manager, NJDEP  
Allen D. Roos, Chief, Environmental Branch, USACE  
John Garges, Environmental Consultant  
State of New Jersey

M. Stanek

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Enclosure:  
Inspection Report No. 04008610/2009001

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Michael Winters, Radiation Safety Officer, Shaw Environmental  
David Hays, Project Health Physicist, USACE  
Patricia Gardner, Manager, NJDEP  
Allen D. Roos, Chief, Environmental Branch, USACE  
John Garges, Environmental Consultant  
State of New Jersey

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**SUNSI Review Complete: MRoberts**

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