

**From:** Patricia Swain  
**To:** "Shieldalloy\_Public\_Emails" <Shieldalloy\_Public\_Emails@nrc.gov>  
**Date:** 11/2/2007 10:10:46 AM  
**Subject:** Fwd: Cultural Resources Timeline, as discussed during Teleconference of March 27, 2007

Patti Swain  
U.S. Nuclear Regulatory Commission  
Office of Federal and State Materials  
Environmental Management Programs

>>> "Smith, David R. (Windsor,CT-US)" <DRSmith@trcsolutions.com> 4/30/2007 3:16 PM >>>  
Patti

I'm attaching a copy of my letter addressed to you and dated today along with enclosed timeline. Jean Oliva had prepared the timeline immediately following the March 27th call. I had simply forgotten to forward it onto you. Per your request, I'm sending the official copy via letter / US mail so it can be more easily be docketed.

Dave

**Hearing Identifier:** Shieldalloy\_DP\_Public  
**Email Number:** 9

**Mail Envelope Properties** (472AF7AD.HQGWDO01.TWGWPO02.100.131646F.1.183.1)

**Subject:** Fwd: Cultural Resources Timeline, as discussed during Teleconference of March 27, 2007

**Creation Date:** 11/2/2007 10:10:46 AM

**From:** Patricia Swain

**Created By:** PBS2@nrc.gov

**Recipients**

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Cultural Resource timeline transmittal ltr - 4-30-07.doc

32256

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SMC cultural resources timeline.pdf

63663

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**Options**

**Priority:** Standard

**Reply Requested:** No

**Return Notification:** None

None

**Concealed Subject:** No

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April 30, 2007

Patricia B. Swain  
Environmental Review and Performance Assessment Directorate  
Division of Waste Management and Environmental Protection  
Office of Federal and State Materials and Environmental Management Programs  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

**Re: Cultural Resources Teleconference of March 27, 2007; Follow-up to  
Shieldalloy Metallurgical Corporation, Newfield, New Jersey**

Dear Ms. Swain:

In accordance with our conversation of today, I am forwarding to you for your use and information a copy of the timeline of events reviewed and discussed during the subject teleconference.

If you have any questions or if I can provide you with additional information, I can be reached at (856)362-8680.

Sincerely,

David R. Smith,  
Radiation Safety Officer

cc w/enc. (electronic):

David J. White, HSE Director - SMC  
Jean Oliva, PE - TRC Environmental  
Carol D. Berger, CHP - Integrated Environmental Management, Inc.  
Robert Haemer, Esq. - Pillsbury Winthrop Shaw Pittman

**Cultural Resource Survey Time Line**  
Shieldalloy Metallurgical Corporation  
Newfield, New Jersey

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- 1995 - 1997 SMC and NJDEP work cooperatively to address environmental liabilities at site prior to SMC's emergence from bankruptcy; weekly conference calls held to ensure that progress is made on critical path items, including evaluation of cultural resource issues as part of soil Feasibility Study (FS) process under CERCLA.
- 8/95 Phase II Cultural Resource Study completed - Specialty Glass Corporation Melting Tank (Glass Stack); prepared by Cultural Resource Consulting Group; recommends preservation of glass stack if feasible; if environmental contamination and health and safety issues preclude preservation of stack, a program of architectural documentation and recordation is recommended prior to dismantling.
- 10/95 NJDEP forwards the Phase II study to SHPO
- 1/5/96 SHPO response received - Section 106 Consultation Comments (see Appendix H to Environmental Report; note that SHPO memo is incorrectly dated 1/5/95, as evidenced by references within the memo to an October '95 memo and August '95 report document)
- SHPO concurs with eligibility for National Register;  
SHPO concurs there is no feasible alternative to demolition;  
SHPO includes a Draft Memorandum of Agreement for EPA, SMC, NJDEP & SHPO signature that documents EPA's concurrence that demolition cannot be avoided and calls for EPA to ensure that the National Park Service is contacted to determine level and kind of HABS/HAER recordation is required
- 1/96 - 5/96 EPA indicates to NJDEP that they do not necessarily agree that the glass stack has to be demolished; John Vetter, EPA's cultural resource representative, wants to review all environmental data indicating soil beneath stack is a source of chromium ground water contamination; data is provided to Vetter; at May meeting, EPA indicates that existing data are insufficient to definitively conclude that subsurface conditions in the glass stack area are a source of ground water contamination
- 7/96 NJDEP issues comments on FS, reflecting EPA comments calling for additional sampling in glass stack area (Appendix H to Environmental Report, comment #13A);
- 7/96 SMC inquires as to whether additional sampling can be deferred until the remedial design stage, as the FS reflects a worst-case situation (cost-wise) of demolition; NJDEP checks with EPA; EPA indicates sampling during remedial design is acceptable provided the soil Record of Decision (ROD) states that a determination of the fate of the glass stack will be made based upon the remedial design data.
- 4/97 SMC emerges from bankruptcy
- 1997-2006 With the exception of periodic meetings with NJDEP, little progress is made on finalization of the soil FS or associated resolution of cultural resource issues; no additional soil sampling is conducted

- 1/06 TRC and SMC enter into an Exit Strategy<sup>®</sup> contract where non-radiological environmental liabilities at the facility are assumed by TRC.
- 2/06 TRC, SMC and NJDEP enter into a new Administrative Consent Order documenting TRC's responsibility for non-radiological environmental liabilities at the site.
- 2/06-present TRC has focused on addressing outstanding ground water remediation issues and sediment remediation issues at the site. A proposal for additional soil sampling has not yet been submitted to NJDEP, pending NJDEP's response to a May 2006 request for an alternative remedial criterion for beryllium in soil which will impact the overall scope of additional soil characterization activities at the site.