



May 25, 2004

Sent via Certified Mail – Return Receipt Requested

U.S. Nuclear Regulatory Commission
ATTN: Mr. James Shepherd, Project Manager
Decommissioning Branch
Division of Waste management
11545 Rockville Pike
Two White Flint North
Rockville, Maryland

Subject: License SMB-911; Docket No. 40-7580 – License Condition 29
Physical Description of Pond 1, 1S, 1N, and Pond 4

Dear Mr. Shepherd:

Pursuant to the requirements of License SMB-911, Condition 29, FMRI submits the enclosed information, which is a compilation of historical records reviewed from both the local site and corporate.

This information addresses the requested physical description of Pond Nos. 1, 1S, 1N, and Pond 4 (Attachment I).

If you have any questions, please call Keyton Payne or me at (918) 687-6303.

Sincerely,

A handwritten signature in black ink, appearing to be 'A. Fred Dohmann', written over a horizontal line.

A. Fred Dohmann
President & CEO

AFD/lra

Attachment: Physical Description of Pond 1, 1S, 1N, and Pond 4

Copy to: Gary Tessitore
Jon Jackson
Keyton Payne
File (NRC 052404-1)

A. Fred Dohmann, President and CEO
FMRI, Inc.
#10 Tantalum Place, Muskogee, OK 74403
Phone 918-687-6303 / Fax 918-687-6112

Attachment I

**License SMB-911; Docket No. 40-7580
Physical Description of Pond 1, 1S, 1N, and Pond 4**

Pond 1

Originally built in 1957, in conjunction with the construction of the facility, this pond was originally referred to as Basin #1 and received acidic residues from various operations of the plant. Its location was east of the "Chem A" building and was 90' x 170' x 7' in dimension, a volume estimated at 350,000 gallons and was clay lined. Contents from this basin were relocated to Pond #2 in 1979. Pond 1S and 1N were constructed over Basin #1.

Pond 1S

Built in 1979, Pond 1S was utilized from 1981 until 1990. This pond received wastewater, which contained fine powder of Ta (tantalum) and Nb (niobium) from the Sodium Reduction process area, and was built on top of Basin #1 (Pond 1). Based on review of license renewal application, dated 05/80, no residue containing source material was to be placed in new Pond 1. The dimension of the pond was 90' x 80' x 10', with a synthetic liner. Powdery fines were later removed from the pond and packaged into drums for sale, and/or recovery as Ta (tantalum) concentrate. An estimated 371 tons of material was placed into storage until concentrate was sold. Per records review, the liner was cleaned, surveyed, and properly disposed of per applicable requirements.

Pond 1N

Pond 1N was built and put into service in conjunction with Pond 1S. Ammonia wastewater from the ammonia stripping operation was received in this pond, which was built on top of Basin #1 (Pond 1). Based on review of license renewal application, dated 05/80, no residue containing source material was to be placed in new Pond 1. The dimension of this pond was 80' x 80' x 10', and a synthetic liner was installed. Per records review, the residues were sampled, analyzed, and approved for disposal to a local landfill. The liner was cleaned, surveyed, and properly disposed of, per applicable requirements.

Pond 4

Pond 4 was built in 1957 in conjunction with the construction of the facility. This pond served as a sewage lagoon and received storm water from several areas of the facility. Its location was northwest of the "Chem C" building. The dimension of the pond was 150' x 370' x 10', and was clay lined. New Pond 3 was built over basin #4 in 1979. Basin #4 was abandoned and sewage control was then routed to the city sewer system.

NRC FORM 253 (9-96)		U.S. NUCLEAR REGULATORY COMMISSION		DATE OF REQUEST 6/1/04	CONTROL NUMBER
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TO: Jim SHEPHERD		OFFICE NMSS	BUILDING TWFN	ROOM NUMBER 7F27 7F40	
FROM: FMRI, INC.		OFFICE Aom	BUILDING DWFN	ROOM NUMBER P1-37	
DESCRIPTION 7003 3110 0005 1755 5584		MESSENGER/COURIER SIGNATURE			
		MESSENGER/COURIER <i>[Signature]</i>	DATE RECEIVED 6/1/04		
			TIME RECEIVED		
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		RECIPIENT'S SIGNATURE			
		RECIPIENT <i>[Signature]</i>	DATE RECEIVED		
			TIME RECEIVED		
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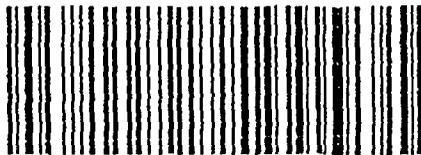
NRC FORM 253 (9-96)

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RECIPIENT'S COPY

API, INC.
10 Tenthred Place
Muskogee, OK 74403

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7003 3110 0005 1755 5584



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Mr. Jim Shepherd
U.S. Nuclear Regulatory Commission
Decommissioning Branch
Division of Waste Management
11545 Rockville Pike
Two White Flint North
Rockville, MD 20852-2738

RETURN RECEIPT
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