

Ex 10

FILED
August 10, 2007
Data Center
Missouri Public
Service Commission

February 12, 2005

Ms. Peggy A. Harding, P.E.
Regional Engineer
Federal Energy Regulatory Commission
Chicago Regional Office
230 S. Dearborn St., Suite 3130
Chicago, IL 60604



Re: AmerenUE Taum Sauk Plant
Project No. 2277
NATDAM #MO30040 & #MO30041
Final Construction Report
Upper Reservoir Liner Project

Dear Ms. Harding:

In response to your letter dated December 21, 2005, attached is the final construction report for the referenced project.

Also, attached are the required certifications from the Design Engineer and Quality Control Manager. As the licensee, by my signature of this letter, I certify that the construction fulfilled the design intent and all construction was carried out in accordance with the plans and specifications.

I trust this submittal meets the requirements for the final construction report. If further information is required, please feel free to contact Mr. Steve Bluemner, P.E., at 314-554-3524, or myself at 573-637-2281.

Sincerely,

Richard D. Cooper
Superintendent
Taum Sauk Plant

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Staff Exhibit No. 10
Date 7/25/07 Case No. ES-2007-0474
Reporter MV

a subsidiary of Ameren Corporation

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IMG145814

Final Construction Report
Taum Sauk Plant – Upper Reservoir Liner Project
Project P-2277 (NATDAM Nos. MO30040 & MO30041)

1. General. The purpose of this project was to reduce the amount of leakage from the upper reservoir through the original concrete liner system and expansion joints. The scope of work included the installation of a geo-synthetic liner system which consisted of a geo-composite underlayment and an 80 mil textured High Density PolyEthylene (HDPE) liner. The liner was attached to embedded HDPE Polylock strips by extrusion welds at the base of the slopes and secured with bolted stainless steel battens at the top of the slopes and parapet walls. The seams between liner panels were made by fusion or extrusion welds. Drawdown of the reservoir began on September 9, 2004 and was taken out of service on September 10, 2004 when the access tunnel bulkhead was lowered. The access tunnel bulkhead was closed on November 15, 2004 at which time the reservoir was released for operation.
2. Foundations. N/A
3. Embankments. N/A
4. Concrete Work. N/A
5. Anchors. N/A
6. Instrumentation. N/A
7. Drawings. Final as-built drawings are attached.

IMG013191

IMG145815

February 16, 2005

Ms. Peggy Harding, Regional Engineer
Federal Energy Regulatory Commission
230 South Dearborn Street, Room 3130
Chicago, IL 60604



Re: Taum Sauk Pumped Storage Plant – Upper Reservoir Lining Installation

Dear Ms. Harding:

As the Quality Control Manager for the above referenced project, I hereby certify that the project was constructed in accordance with the plans and specifications. If you should have any questions, please do not hesitate to contact me at (314) 554-3524.

Sincerely,

A handwritten signature in cursive script that reads "Steven D. Bluemner".

Steven D. Bluemner, P.E.
Consulting Engineer
Civil/Structural Engineering
Project Engineering Services

a subsidiary of Ameren Corporation

IMG013192

IMG145816

Bcc: B. L. Powers w/o
C. A. Iselin w/enc.
F. J. Pope w/o
J. D. Witges w/o
T. L. Hollenkamp w/enc.
J. F. Hogg w/enc.
S. D. Bluemner/Job File w/enc.
FERC Corr. File

IMG013193

IMG145817



EMCON/OWT, Inc.
14155 Farmington Road
Livonia, MI 48154
734.524.9610
Fax: 734.524.9611

February 10, 2005
Project 833274

Mr. Steven Bluemner, P.E.
AmerenUE
1901 Chouteau Avenue
P.O. Box 66149, MC 450
St. Louis, Missouri 63166-6149

Re: Certification of Substantial Compliance with the Engineering Plans and
Specifications for Relining of the Taum Sauk Pump Storage Upper Reservoir

Dear Mr. Bluemner:

As the design engineer of record for the Taum Sauk Upper Reservoir Side Slope Relining project located in Taum Sauk, Missouri, Shaw EMCON/OWT, Inc. (EMCON) certifies that the project was completed in substantial compliance the design plans and specifications. Additionally, EMCON certifies that it was consulted on a major design and field changes. Based on our periodic observation of the work, EMCON certifies that the project was substantially completed in accordance with the following documents:

- Design Report, Taum Sauk Pumped Storage Reservoir, Side Slope Relining Project, Taum Sauk, Missouri; August 2004 Revision
- Drawing 8304-X-155093 Title Sheet
- Drawing 8304-X-155094 Site Plan
- Drawing 8304-X-155095 Geomembrane Panel Plan (Northeast)
- Drawing 8304-X-155096 Geomembrane Panel Plan (Southwest)
- Drawing 8304-X-155097 Details - I
- Drawing 8304-X-155098 Details - II
- Drawing 8304-X-155099 Details - III, Specifications & Schedules
- Drawing 8304-X-156120 Details - IV

N: PROJ AmerenUE 833274 certification letter 1-10-05.doc-96 a1:1

A Shaw Group Company

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Mr. Steven Bluemner, P.E.
February 10, 2005
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Project 833274

Attached with this letter are three full size copies of the final drawings reflecting as-built conditions as well as a compact disk containing the final drawings in both Autocadd and sealed PDF formats.

We appreciate this opportunity to work with you on this project. If you have any questions or concerns, please do not hesitate to contact either one of us.

Sincerely,

Shaw EMCON/OWT, Inc.



Adam Larky, P.E.
Project Manager



Tony Maxson, P.E.
Project Engineer

Attachments: Engineering Plans for Relining of the Taum Sauk Pump Storage Upper
Reservoir - 3 copies
Compact Disk

