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May 6, 2005

VIA HAND DELIVERY

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05 MAY -6 PM 4:02
COMMISSION
CLERK

Blanca S. Bayo, Director
Division of the Commission Clerk
and Administrative Services
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

Re: Aloha Utilities, Inc.; Project Status Report
Our File No. 26038.46 (020896)

Dear Ms. Bayo:

Enclosed please find the monthly update and comments which Aloha is directed to file by
Order No. PSC-04-0712-PAA-WS. The attached represents the project status report due this month.

If you have any questions regarding the above, please let me know.

Sincerely,

ROSE, SUNDSTROM & BENTLEY

F. Marshall Deterding
For The Firm

- CMP _____
- COM _____
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- SEC | _____
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FMD/tms

cc: Rosanne Gervasi, Esq
Stephen Watford
David W. Porter, P.E.
John Wharton

aloha\46 show cause\project status report bayo.ltr

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FPSC-BUREAU OF RECORDS

DOCUMENT NUMBER-DATE

04473 MAY-6 05

FPSC-COMMISSION CLERK

ORIGINAL

Project Status Report

To: Stephen Watford
From: David W. Porter, P.E.
Subject: Seven Springs Water System Improvements - 2004
Date: May 6, 2005

This is the ninth status report completed for this project.

To date the following tasks have been completed:

1. Aloha has retained the services of the University of South Florida to develop design criteria and assist in the design of the water system improvements. The University has designated Dr. Audrey Levine the Principal Investigator for the project.
2. A meeting with the FDEP was held to discuss the project and to obtain design and permitting direction from the Department staff.
3. The design team has been selected and provided authorization to complete the design, permitting, construction observation, start-up and commissioning tasks necessary to complete this project.
4. Basis of design process, chemical and equipment vendors have been selected, a number of purchase orders have been issued by Aloha to allow these firms to provide necessary design assistance and shop drawings for the various facility improvements.
5. The process, chemical and equipment vendors have developed detailed initial application recommendations, prepared drawing details for use by the design team and prepared cost proposals and shop drawings. As the permitting effort and Dr. Levine's work continues to proceed, changes to these initial recommendations may need to be made which will result in updated design drawings, cost proposals and shop drawings, etc.
6. The initial permit application submittal package has been submitted to the FDEP for review and approval. This permit application package is for the portion of the project design that is sufficiently complete to allow the permitting effort to begin. At this time we believe that at least one additional permit documentation submittal package will be prepared and submitted to FDEP (as a modification to this earlier submission) when Dr. Levine's process testing work has been completed to the point where it has provided the information needed to allow the completion of the design work for the entire project.
7. Aloha has selected contractors to provide construction services for this project.
8. FDEP has issued the initial permit for construction of those components described in item 6 above.
9. The new liquid chlorine storage and pumping facilities have been placed into operation at Plants 1, 2, 6, 7, 8 and 9. The liquid chlorine storage and pumping facilities have been installed at the Mitchell Plant and will be placed into operation as soon as other components required to allow operation of these units have been installed at this facility.
10. FDEP has approved the Distribution System Monitoring Plan and Report Form prepared by Aloha's consultants for the chloramination portion of the project.
11. FDEP has approved the Public Notification Program prepared for Aloha by its customer service consultants for the chloramination portion of the project.

DOCUMENT NUMBER-DATE

04473 MAY-6 05

FPSC-COMMISSION CLERK

The following tasks are underway:

1. The design team has been coordinating with Dr. Levine on design parameter development; integrating all the various process, chemical and equipment application recommendations; undertaking the necessary sub-system and site engineering design work; working on the instrumentation and SCADA system design; preparing detailed project engineering drawings and readying the project documentation for supplemental FDEP Permit application submittals.
2. Dr. Levine and her team are working to gather the pilot testing data needed to complete her analysis of the hydrogen peroxide treatment process and provide the necessary design and permitting data and report needed to complete the project.
3. The facility upgrade components, for which a FDEP construction permit has been received as described in Item 8 above, are in the process of being installed at each plant site.
4. The SCADA system radio control links, computer programming, monitoring screen development and system integration is underway.
5. Pressure testing of the new process piping is underway.
6. The new contact/reactor tanks are being delivered and installed.
7. Preparations are being made to disinfect the new process piping and contact/reactor tanks as they are installed and FDEP certifications will be made as this new equipment is ready for start-up at each plant.

Dr. Levine's hydrogen peroxide treatment process testing work is underway. A summary of testing results will be provided when Dr. Levine has completed her work, compiled her data summaries and prepared her report for submittal to AUI, FDEP, PSC and others.