



POST NOTES

The Society of American Military Engineers

Rock Island Post

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September Meeting – Mount Coffee Hydroelectric Plant

Established as an independent state in the early 1800s, Liberia enjoys a geographically advantageous location in the extremities of West Africa. Bounded by the Atlantic Ocean to the west, with about 580 kilometers of coast line, Liberia shares borders with neighboring Cote d'Ivoire, Guinea and Sierra Leone and covers an area of a little over 111,000 square kilometers. It is in the St. Paul River that Liberia's true advantage is revealed. Due to the enormous flow of the river and its drop in elevation, the St. Paul River has the potential to produce about 1000MW of hydroelectric power. Managing the seasonal fluctuations is a key factor for sustainable development. The river's raging flow during the rainy season dwindles to a trickle in the dry season, thus requiring a large impoundment reservoir to provide perennial power.

The Mt. Coffee Hydroelectric Plant originally was designed and constructed in the early 1960s with two 15 MW turbines and generators. Subsequently, two additional 17MW turbines were installed bringing the combined capacity to 64MW. The civil strife that enveloped Liberia in the 1990s and 2000s devastated the project. The electrical equipment was looted and the dam was breached. All mechanical and electrical systems - and anything with a salvage value - have been removed. The powerhouse currently sits empty and the St. Paul River flows unimpeded while the recovering nation is starved for electric power. Reconstructing the Mount Coffee Hydroelectric Plant is a high priority.

Stanley Consultants has led the planning and design of the Mount Coffee Project since 1944. Our latest endeavor, the feasibility study and preliminary design for reconstruction of the powerhouse and dam is being funded by the Governments of Liberia, Germany, Norway, and the EU. Martin Weber and Bill Holman will discuss the challenges of working in a third world country that is recovering from 13 years of civil war. They will focus their discussion on the physical assessment of the remaining project facilities and the planned rehabilitation of the main spillway, breached and damaged embankment dam sections, powerhouse and generating equipment.

Bill Holman is the Principal Geotechnical Engineer with Stanley Consultants. He has been involved with the project, on several phases, over the past 20 years.

- MEETING DATE:** Thursday, September 12th
- LOCATION:** Quad City Botanical Center
2525 4th Avenue, Rock Island, IL 61201
- AGENDA:** 1100-1130 Board Meeting
1130-1200 Networking Period
1200-1330 Business Brief, Lunch, and Speaker
- MENU:** Famous Oven Broasted Chicken
Grandma's Green Beans
Whipped Potatoes, Assorted salads, dinner roll, and beverage
- COST:** \$10 for Public Sector and Retirees, Per Person
\$15 for Private Sector, Per Person, All are Payable at the Door
- RESERVATIONS:** Please register by COB Tuesday September 10th, 2013 at:
<http://posts.same.org/rockisland/registration.htm>
- BUSINESS BRIEF:** Hanson Professional Services, Inc.

Upcoming Events

2013 SAME Scholarship Golf Outing Recap

Thank you to all who helped with, sponsored, and participated in this year's golf outing, we had 67 golfers participate. Also, a special thanks goes out to Heather Day who coordinated and organized the outing. We were able to raise money for the scholarship fund and enjoy a beautiful day of golf.

2013 SAME Great Lakes and Ohio Valley Joint Engineer Training Symposium

The 2013 JETS that the Rock Island Post is hosting is now next month! Hopefully you have added this great opportunity to your fall calendar to obtain professional learning credits, hear what's new at the SAME, US Army Corps of Engineers, and US Navy NavFac national and regional levels, and participate in some networking activities with your fellow SAME members. With the October 16th-18th JETS dates rapidly approaching, time is running out for the pre-September 15th early registration rates. Additionally, there are a select number of exhibit and sponsorships still available. Please see the 2013 JETS website <http://www.visitquadcities.com/sites/same/> for more information and to register for the conference or sign up for exhibiting at and sponsoring a part of the conference.

The JETS Technical Program Committee has developed a great set of informative training sessions and a listing of the presentations can be found on the JETS website under the "Program Summary" tab. Check back often as we add narrative summaries for each of the training session presentations. The JETS planning committee is confident that the training presentations will fulfill your professional interests along with satisfying your PDH and CEU requirements. There may be a few last-minute program revisions, but the overall JETS schedule is ready for you to make your travel arrangements around.

And do not pass on the opportunity to find out what Segway test rides, bowling, and networking have in common. You guessed it, all these things are available on the opening night of the JETS and included in your Exhibit Hall Premiere registration! Participating in this event will be an excellent opportunity for checking out the JETS exhibitor booths, testing out a new mode of transportation, showing off your bowling skills and networking with other SAME members and JETS attendees. Please be sure to also register for the Exhibit Hall Premiere (Icebreaker) when registering for the JETS training conference.

Roger Less is serving as the Chairperson of the 2013 conference, if you have any questions, please contact Roger at roger.a.less@usace.army.mil.

Secretary's Corner

The Post Secretary encourages you to submit fellow SAME members for National Level awards and to write articles for the SAME magazine and other publications. The secretary can help send articles to SAME Headquarters. Send a copy of accomplishments, award information, and anything going for publication to the Secretary, Dean.R.Cerny@usace.army.mil

It is time to start thinking about Post Officers for next year. We are looking for nominations and volunteers. Most importantly, we have vacancies for Jr. Vice President, Executive Secretary, and

Treasurer. If you are interested please contact the Chairman of the nominating committee, Mr. SK Nanda, s.nanda@mchsi.comn

2013 SAME Events Calendar

To add events to the calendar, email Dean Cerny at Dean.R.Cerny@usace.army.mil

Friday, January 18 5:30 PM	Installation of Officers	Tom Heinold Thomas.D.Heinold@usace.army.mil
January 24-26	Post Leaders Workshop — Glendale, AZ	www.same.org
Wednesday, February 20	QCESC Dinner	www.qcesc.org
Thursday, March 14 11:30 AM	Missouri River Levee Emergency Repairs — “The Journey”	Dean Cerny, 563-386-0572 Dean.R.Cerny@usace.army.mil
Thursday, April 11 11:30 AM	Joint Meeting with ASCE	Dean Cerny, 563-386-0572 Dean.R.Cerny@usace.army.mil
Thursday, May 9 11:30	Regular Meeting	Dean Cerny, 563-386-0572 Dean.R.Cerny@usace.army.mil
May 21-24	Joint Engineer Education & Training Conference & Expo, San Diego, CA	www.same.org
Wednesday, June 19 11:30 AM	Regular Meeting	Dean Cerny, 563-386-0572 Dean.R.Cerny@usace.army.mil
Thursday, July 11 11:30 AM	Regular Meeting	Dean Cerny, 563-386-0572 Dean.R.Cerny@usace.army.mil
August 23	Scholarship Golf Outing	Heather Day, Stanley Consultants DayHeather@stanleygroup.com
August	X-Stream River Clean-up	TBD
Thursday, September 12 11:30 AM	Regular Meeting	Dean Cerny, 563-386-0572 Dean.R.Cerny@usace.army.mil
October 16-18	2013 Great Lakes and Ohio Valley JETS Davenport, IA	Roger Less Roger.A.Less@usace.army.mil
Thursday, November 14 11:30 AM	National Security Meeting	Cory Haberman Cory.J.Haberman@usace.army.mil
Wednesday, December 11, 11:30 AM	Regular Meeting	Dean Cerny, 563-386-0572 Dean.R.Cerny@usace.army.mil