

DOE CAS Inspector Training at Pantex Plant

Jesse Oak, Parsons Brinkerhoff

After being dormant for a few years, the DOE CAS Inspector training road show was resurrected in Amarillo, TX the week before Thanksgiving 1998. During the original training period over 600 inspectors were trained at DOE Sites nationwide. The purpose of the training was to instruct new users of the Department of Energy Condition Assessment Survey Program on how to use the system to collect and enter deficiency data on their assets.

Mr. Bob Von Eschen of the Pantex Plant contacted PB Facilities, Inc. about leading a training session to give several of their personnel the knowledge of how to collect and report deficiency data found on their site. The class was then opened for other

interested sites to send new inspectors. The instructors were Jesse Oak and Chuck Siegfried from PB and Kevin Kiah from DynCorp. Twelve students from the Pantex Plant in Texas, the Waste Isolation Production Plant in New Mexico, the Nevada Test Site in Nevada, and the Los Alamos National Laboratory in New Mexico attended. The class ran for three consecutive days and consisted of a modified original inspector-training course to include lessons on how to enter data via the desktop survey module of the Site-CAIS program. This was done since none of the sites are presently using the original inspection module on the PalmPAD computer units.



The Status of the Purdue UCAIS Program

Jesse Oak, Parsons Brinckerhoff and Mike Montgomery, Purdue University

Approximately two years ago, Purdue University approached the Department of Energy about licensing the DOE Condition Assessment Survey program for their use. Purdue turned to Parsons Brinckerhoff the original developers of the CAS program to look at creating a 32-bit Windows based program based on the DOE system but modified to meet the needs of university and academic clients. The proposed product is designed as *UCAIS* with the leading "U" standing for "University". PB and Purdue have been working to develop a flexible and easy to use system incorporating many of the lessons we have learned over the years in developing CAS programs for various clients. The work is to be developed in phases. The first phase, which is contracted to be completed by August 1999, consists of the development of a Windows based inspection module that can be run on the new generation of handheld computers and a backend office module that allows for data analysis, costing, and reporting. Other phases will be developed in the future to allow for the incorporation of GPS data, update and additions to the DOE CAS manuals, incorporation of digital photographs and video, and use of graphical building plans to identify locations and changes to the drawings. Ultimately, the plan is to market the program to other schools and universities.

PB has concentrated on the inspection module, currently being tested by PB and Purdue in a beta version. This version has been demonstrated for DOE, DynCorp, and a few DOE sites helping to develop CAIS2000. The purpose of the demonstration was to show what has been developed and how some of the techniques could be incorporated into the DOE system. The system is similar to the Inspection-CAIS Version 2.0 module many of you used in the past. The process first identifies the site and area of the asset, then identifies the asset, the WBS and Inspection Unit to be inspected, the deficiencies found, and the summary of the findings. Optional data can

also be collected as determined by the user. The system has been developed to incorporate standard Windows type features such as the use of folders and tabs. Several additional features have been incorporated to allow for easier data collection and review of saved data. The user while maintaining the standards that allow for consistent, reliable, and repeatable inspections has enhanced the program to allow greater customization of data collection requirements.

PB has begun work on modifications and additions to the engineering tables used in the system and on the backend office component of the program. At the next DOE CAS Users meeting this March in Las Vegas, PB and Purdue have been asked to demonstrate the inspection module for the attendees so we hope to see you there.

Notes from the Editor

Terry Christie, Oak Ridge National Laboratory

Well we are in the start of a New Year and I hope everyone is doing well. I would like to remind everyone that the next LCAM/CAS conference call will be held Wednesday, February 10, 1999 at 11:00 EST. The phone number for this call is 202-287-1308. Please try to take a few minutes out of your busy schedule to be on line.

The next LCAM/CAS Network meeting is scheduled for March 16-18, 1999 in Las Vegas. The meeting will be held at the North Las Vegas Bechtel site. You will need to have a DOE badge or I will need your name, company, social security number and citizenship in order to assure your entrance into the facility. You will also need to bring a photo ID such as your driver's license. We have made arrangements with Harrah's on the strip for hotel rooms. There is a block of rooms reserved in the code name LCAM for our group. The rooms are \$55.00 a night from Monday through Friday and by calling 1-800-427-7247 you can make your reservations. Your reservations must be made by February 13, 1999 in order to receive this special group rate. If you have any trouble making your



Attendees at the last LCAM/CAS Network Meeting

reservations or need any further assistance please feel free to call me at 423-576-6887. We look forward to seeing everyone there.

I want to thank everyone who submitted an article for this edition of the Network Noise. Remember that this is your newsletter and without you it would not be. The next edition will be sent out the first of May so try to send in your articles by mid April so that you can be a part of the information channel. I will continue to try and pass along any information I receive that concerns the Network.

Along with this edition of the newsletter you will be receiving a draft copy of the agenda for the meeting in March. If you have anything you wish to add or change on it please let me know.