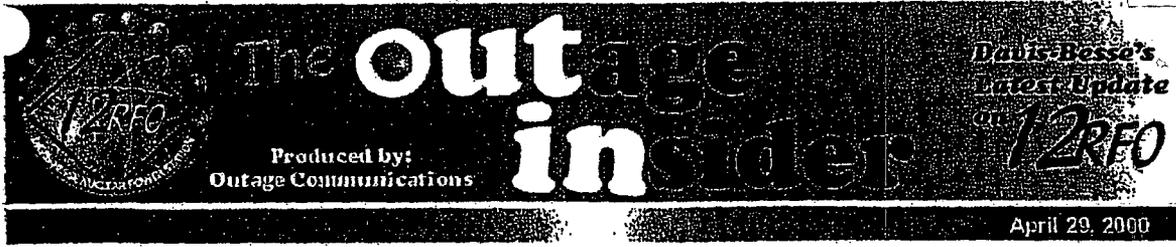


AAS C-128

DOCKETED  
USNRC

September 9, 2009 (11:00am)

OFFICE OF SECRETARY  
RULEMAKINGS AND  
ADJUDICATIONS STAFF



# 12RFO - DAY 29

## Day 29 Activities

- ★ Decon of refueling canal
- ★ Preparations for stud hole caps inspection and re-cleaning
- ★ Plenum installation
- ★ Preparations for Reactor Head move

## Reactor Head Cleaning

Due to a history of leaking Control Rod Drive Mechanism (CRDM) flanges on the Reactor Head, boric acid has built up in this area. Access to this area is very difficult due to the construction of the Service Structure surrounding the area. The Reactor Head is carbon steel, and boric acid can be corrosive to carbon steel. Five CRDM flanges were identified as leakers and repaired this outage.

After reviewing industry experience and videotapes of the boric acid build-up, Andrew Siemaszko, Plant Engineering, set a personal goal to resolve this dilemma. Andrew joined the Davis-Besse team approximately one year ago, and is responsible for the Reactor Coolant System components.

He realized that it would be difficult to properly assess the condition of the Reactor Head each outage if we were not able to remove any residual boric acid prior to the start up of a new operating cycle. Cleaning of the Reactor Head had been considered in past outages, but resolution addressing all concerns was not achieved.

Andrew believed that cleaning the Reactor Head was the right thing to do. He was faced with convincing others that this could be done safely, and would assist future inspections of the Reactor Head. Andrew contacted ANO, when he learned that this plant had successfully cleaned their Reactor Head. He came up with a plan to use a hot water pressure washer, using a vacuum and rags to ensure that the water would not get on the flanges. Andrew successfully obtained the necessary concurrence and approvals to implement this plan.



The next challenge was to ensure that the work and workers above the "mouse holes" where the cleaning was to take place, and the work and workers below the "mouse holes" were not affected by this process. Andrew met with all interested parties and the Radiation Protection Technicians to proceed with the Reactor Head cleaning. The Reactor Head was successfully cleaned yesterday, thanks to Andrew's efforts, as well as those of the Radiation Protection Technicians. This is the first time in Davis-Besse history that the Reactor Head has been cleaned.

Andrew was a salesman to management, Radiation Protection, and Outage Management, because he felt so strongly about the need to successfully clean the Reactor Head. Congratulations, Andrew, on your perseverance, and willingness effectively deal with the challenges that were presented.

U.S. NRC  
In re DAVID GEISEN GEISEN Exhibit # 17  
Docket # 1A-05-052

S12-00623

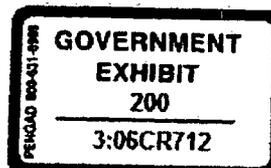
Date Marked for ID: 12/10, 2008 (Tr. p. 1534)

Date Offered in: 12/10, 2008 (Tr. p. 1534)

Through Witness/Panel: N/A

Action: ADMITTED REJECTED WITHDRAWN

Date: 12/10, 2008 (Tr. p. 1534)



NRC001-2152

TEMPLATE = SECY 028 DS02