

MISSOURI STATE HIGHWAY PATROL  
REPORT OF INVESTIGATION

FILED  
August 10, 2007  
Missouri Public  
Service Commission

STATE CONTROL NO.: 05 362 024 056  
REPORTING OFFICER: SERGEANT W. W. WIEDEMANN 0696  
OCC TYPE: TAUM SAUK RESERVOIR BREACH  
COUNTY: REYNOLDS  
DATE/TIME: DECEMBER 14, 2005  
OFFENSE STATUS: INVESTIGATION CONTINUING  
LOCATION: LESTERVILLE

REPORT DATE: 12/07/06  
TROOP OF OCCURRENCE: G  
SCENE PROCESSED: N  
DDCC AT SCENE: N

DETAILS OF INVESTIGATION

INTERVIEW OF TONY ZAMBERLAN

Staff Exhibit No. 6  
Date 7/24/07 Case No. ES-2007-0474  
Reporter MV

1. On December 7, 2006, I continued the investigation into the breach of the Taum Sauk Reservoir. During this investigation, I interviewed Anthony R. Zamberlan, date of birth [REDACTED]

[REDACTED] This interview occurred at LDP Consulting Engineers, [REDACTED], phone number [REDACTED]

2. On December 7, 2006, at 1435 hours, Missouri State Highway Patrol Sergeant M. S. Dochterman and I contacted Tony Zamberlan at LDP Consulting Engineers. Zamberlan agreed to talk to us reference the Taum Sauk Reservoir breach. Present during the interview was Paul Young Senior Vice President for LDP Consulting Engineers, Fredrick J. Ludwig Attorney-at-Law and Robert T. Haar Attorney-at-Law.

3. Zamberlan stated he had been an employee at AMEREN from January 1992 until sometime in 1998 or 1999. He began doing contract work for AMEREN in 2000 or 2001. This began with small contract jobs. He stated the first contract job he had at the Taum Sauk Reservoir was in the Fall of 2004. He stated this job was in conjunction with the membrane being installed in the reservoir. Zamberlan contracted to assist Tom Pierie with changing the ultimate controls at Taum Sauk. He described this as changing from a hard-wired system to programmable controls. Zamberlan stated his company did not subcontract any of this work. Zamberlan stated that the work he did was on site at the Taum Sauk Reservoir, and he did not do any work remotely. He stated that occasionally he consulted with technicians over the phone, but described these as minor computer-type problems.

4. Zamberlan stated during November or December 2004, there had been some problems with the Warrick Probes. He stated that the probes were tripping for no reason, preventing the reservoir from filling. Zamberlan stated he talked to either Bob Scott or Ron Brooks and explained how to remove them from the "logic". This made a program loop around where the probes come in, basically taking out one level of protection. Zamberlan said following this, the programming on the probes was changed from parallel to series. ~~Zamberlan explained with series that when the water level reached the 'hi' probe an alarm would sound. If the water level reached the 'hi-hi' probe, an emergency~~

EX-6

*Added* ~~shut down would happen.~~ He stated during the emergency shut down the "wicket gate" would close stopping the flow of water immediately. Zamberlan also explained that there were also three transmitters reading the level of the water and the Warrick probes were a back up to these transmitters. He stated the logic on the probes was "hard coated" in the program and could not be changed with ~~manually changing~~ *out* it in the program. During the installation of the continuous communication probes (11-2004), at one point, they believed the probes were off. He stated the continuous communication probes were manually raised during a test. They discovered an error in the program and made the correction to the program. The probes were then lowered to their original position. Zamberlan stated that during the installation of the probes, they used old schematics of the Taum Sauk Reservoir. He admitted that if there was substantial settling of the reservoir, the programs could be off. Zamberlan said the probes were installed in pipes strapped down to the side of the reservoir. He said he was not involved in the installation of the brackets and was not told about any of the brackets breaking.

5. Zamberlan said the last time he was at Taum Sauk Reservoir prior to the breach was during May 2005. He said this was for a communication problem between the upper reservoir, lower reservoir, and plant. He believed this was due to a lightning strike on the microwave tower. He stated this information was transmitted in digital bytes, and the transmission had become intermittent.

6. Zamberlan was directly asked if he moved the 'hi' and 'hi-hi' probes. He said that he did not and did not know of anyone moving them. He also stated no one had asked him or consulted with him about moving the probes. He stated being on site he could not do the work. He related that the Union workers would do it. He also stated that Tom Pierie took care of the Warrick probes. Zamberlan said his responsibility was the continuous communication probes. Zamberlan was asked about the December 1, 2004, e-mail discussing changing of the probes. Zamberlan explained he was probably working with Bob Scott or Ron Brooks. He said he really did not remember what happened on that date. He said he remembered working with the continuous probes, but he did not remember touching the Warrick probes. He stated, "They were not my responsibility." He did remember when they went to the stainless steel enclosure on the reservoir that they could hear a buzzing coming from the transformer relay assembly. He said they believed that needed to be checked before any further work was done on the probes. Zamberlan said he went back down to the plant and worked on programming. He also said that any changes he made to programming was reviewed by the Taum Sauk plant and had to receive approval from Rick Cooper or Jeff Scott prior to implementation.

7. The interview concluded at 1515 hours.

W. W. Wiedemann, Sergeant  
Division of Drug and Crime Control

WWW:klb