

Mitman, Jeffrey

From: Nicholson, Thomas *RES*
Sent: Friday, April 09, 2010 3:20 PM
To: Mitman, Jeffrey
Subject: RE: Papers on Dam Failures

Jeff:

Thanks so much for the information. Jake Philip, ETB/DRA/RES just attended a National Academy of Sciences meeting on this topic.

Thanks Tom

From: Mitman, Jeffrey *INER*
Sent: Monday, March 22, 2010 11:51 AM
To: Kanney, Joseph; Nicholson, Thomas
Subject: Papers on Dam Failures

Joe and Tom, I also found the discussion on Thursday very useful. Attached are some papers on dam failures and failure rates that we've found. They might be of interest. I'll keep you informed of the Jocassee issue as much as I can.

Jeff

From: Kanney, Joseph *RES*
Sent: Friday, March 19, 2010 10:33 AM
To: Mitman, Jeffrey
Cc: Nicholson, Thomas
Subject:

Hi Jeff,

I learned a lot from our discussion yesterday. When the Utah PRA study comes in, I'd be curious to see if they discuss the plausibility/probability of failure mode similar to that which occurred at the Taum Sauk pumped storage facility in the Ozarks back in 2005. There the dam failed due to overtopping when pumps failed to turn off due to faulty level sensors. It might not be relevant since I don't think Taum Sauk had a spillway.

<http://www.ferc.gov/industries/hydropower/safety/projects/taum-sauk.asp>

-- Joe

Joseph Kanney
RES/DRA/ETB
CSB 02C32
(301)-251-7600