

Ex 11
FILED

August 10, 2007
Missouri Public
Service Commission

Pierie, Thomas C

From: Bluemner, Steven D
Sent: Wednesday, November 23, 2005 9:59 AM
To: Cooper, Richard D; Schoolcraft, Steven J; Witt, Warren A; Pierie, Thomas C; Ratliff, Matthew M
Cc: Scott, Jeffrey T; Ferguson, Robert W; Birk, Mark C; Elschlager, David C; Weiman, Larry A; Hollenkamp, Thomas L
Subject: RE: Taum Sauk Plant Spring 06 outages

Rick,

While it would be good to be able to inspect the penstock liner and upper reservoir this spring, I don't think it justifies economically to drain the reservoir for these items alone. However, if the decision is made to drain the reservoir, we would definitely inspect these items and make repairs as required.

Regarding the level gage piping, all materials are on hand to make the repairs and, as you know, I tried to get this completed in early November but couldn't work out the schedule with Power Supply due to the warm weather. Unfortunately the diver is unavailable during weekdays at this time (and probably won't be available through the end of the year) to make the repairs. It may be possible to coordinate his work on a weekend and I will pursue this with the diver. If the reservoir were drained, this would be the best time to make these repairs.

Please let me know if you have any questions and keep me posted in regard to draining the reservoir.

Thanks,

Steve Bluemner

Consulting Engineer
Project Engineering Services
Ameren
Ph: 314-554-3524
Fax: 314-641-2063

-----Original Message-----

From: Cooper, Richard D
Sent: Monday, November 14, 2005 1:56 PM
To: Schoolcraft, Steven J; Witt, Warren A; Bluemner, Steven D; Pierie, Thomas C; Ratliff, Matthew M
Cc: Scott, Jeffrey T; Ferguson, Robert W; Birk, Mark C; Elschlager, David C; Weiman, Larry A
Subject: Taum Sauk Plant Spring 06 outages

Presently Taum Sauk is scheduled for spring 2006 outages of three weeks per unit, one at a time, leaving the other unit in service.

The dates for the outages are Mar 25th to Apr 15 for the first unit, Apr 15 to May 6th for the second unit. The purposes for the outages are to complete the digital controls on both units and inspect/repair the runners.

Some things have happened that we need to consider modifying this schedule. I wanted to send this email out to get everyone's input. I'm talking about draining the upper reservoir and taking both units OOS simultaneously for a period of at least three weeks, possibly one or two more, but I'm not sure how much this would cost. Additionally, as explained below, maybe a fall outage should be considered.

12/23/2005

Staff Exhibit No. 71
Date 12/25/07 Case No. ES-2007-0474
Reporter MV

IMG145859

1. There is presently a leak on the Unit 1 inlet valve flange that has gotten worse since it started in Jan of 2005. It is still tolerable at present but sometime in the future it will need to be fixed. Presently there is no scheduled outage for this repair. The new parts for this valve are scheduled to arrive at the end of Dec 2005. This job alone takes two weeks (with help from Keokuk/Osage employees) with the upper reservoir drained. Spring is the rainy season and rains might make this job difficult as well as trying to avoid a flood into the plant. This job would be better in a fall outage.
2. The upper reservoir liner has been in service for a year. Of what we can see it still looks OK. But we are unable to see the bottom 25 feet. With an upper reservoir outage we would be able to inspect the entire surface. We also have some slope wall anchor plates that have pulled loose that could be repaired. Bluemner may have some other things to do or look at. We still have to repair the level gage piping soon and by the spring we would be able to see if this repair is a permanent fix or not.
3. We think the tunnel liner epoxy repair that was completed last fall has come loose. Our tunnel drains are running a full pipe. With an upper reservoir outage we could inspect the liner. I don't think repairs would be scheduled for a spring outage but it depends on what we find when we inspect it.
4. The digital controls job might go quicker with both units OOS at the same time, I'm not sure. But if we drain the upper reservoir we would be starting both units up in pump instead of generate for the first time. This is a little more difficult such that if we have problems we only get two starts per unit to get them on per night, unless we can pump or at least test start them during the day. Still we are limited to two starts every six hours per unit.
5. Assuming the tunnel liner epoxy patch turned loose and went thru the runners of both units we are not sure what condition the runners will be in. They may require additional repair.

I'm asking that each of you think about the possibility of modifying the current schedules. What is the cost involved? I don't have extra money in my budget to cover extensive runner repairs, upper reservoir liner repairs and tunnel liner repairs. The inlet valve flange is capital work but I don't have money budgeted for that work either. Rather than wait for the inlet valve flange to force us to drain the upper reservoir at some future date (I wouldn't have money then either) we should consider scheduling it as well as the other items above.

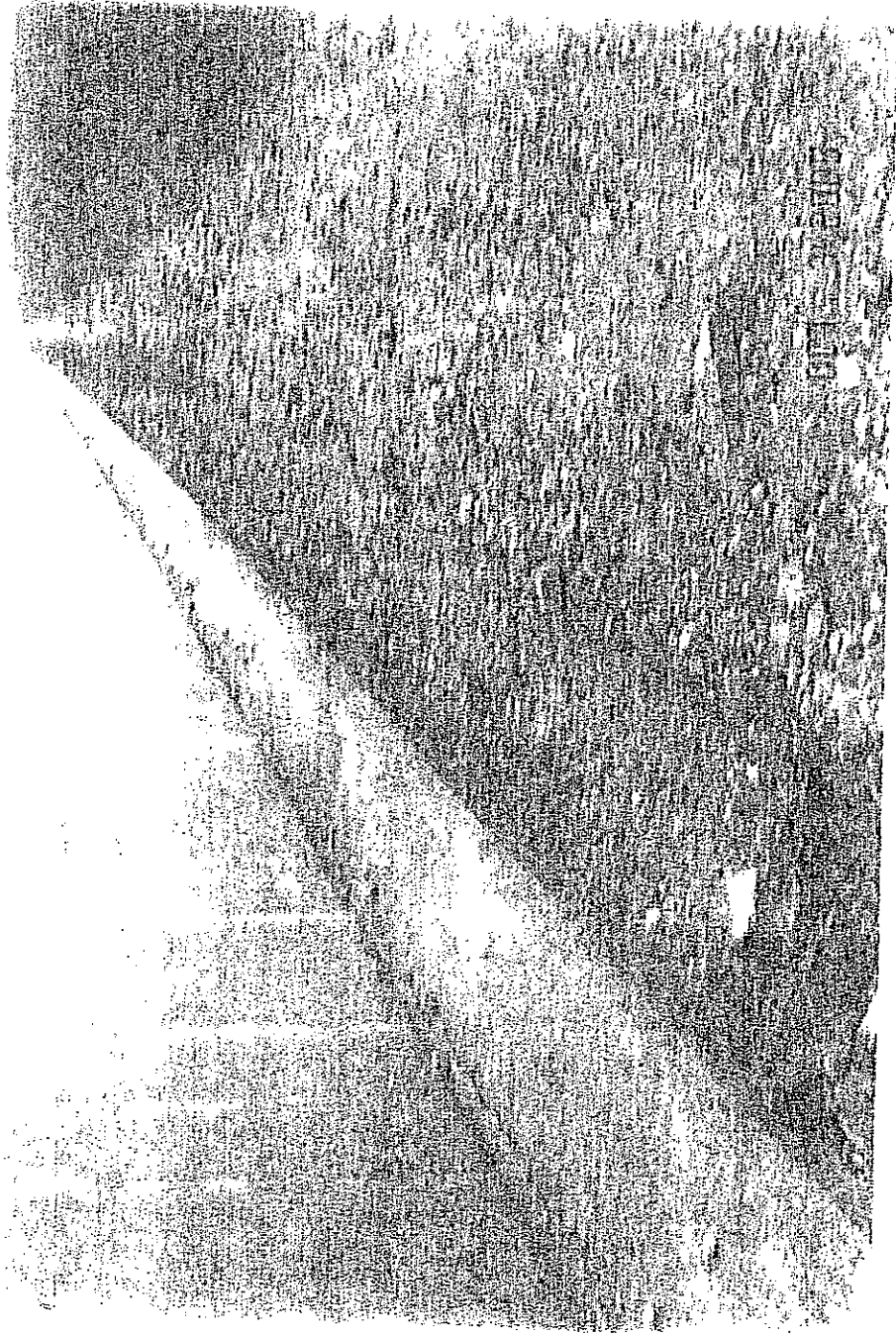
When responding to this email please use "Reply to all" so that everyone is kept in the discussion loop.

Rick

12/23/2005

IMG145860

0001 3 20 5



IMG128068