



Calderwood Dam and Powerhouse Tour

Attendees will get a rare look behind the scenes at how a dam operates and the challenges in keeping such old and complex equipment running at over 99% reliability. The Calderwood dam and powerhouse will be toured and an Alcoa Hydropower Manager will present an overview of the operations. We'll focus particularly on our efforts to apply Lean concepts to the power generation business.

When: November 9, 2010 @ 5:00 pm

Where: Calderwood Dam and Powerhouse (see address below)

RSVP: Please send Robin an email (Clark@QMTGroup.com) to confirm attendance. The tour size is limited in size so confirm early as to guarantee you a spot.

NOTE: Please note the time (5:00 pm). It is earlier than usual because part of the tour needs daylight to see the dam.

Alcoa's U.S. Hydropower Operations include the Tapoco Division based in Alcoa Tennessee, and the Yadkin Division based in Badin North Carolina. Tapoco consists of 4 dams and powerhouses, comprising a total of 13 generation units with a capacity of over 360 MW (enough to power a city of 250,000).

The dams and equipment we operate were installed between 1917 and 1957. Our oldest dam - Cheoah, is the site of the well-known scene in "The Fugitive" where Harrison Ford jumped off the dam into the turbulent tailrace below. The operations are in the last stages of a \$220 million modernization program, entailing new turbines, generators, transformers and a huge assortment of electrical and mechanical ancillary equipment.

The address is below. Directions are pretty easy: Take Alcoa Highway (US 129) south (bearing left at the Y just south of the airport). Several miles past Maryville, US129 turns hard left while 411 continues straight (there's a quilt shop on the right side of the road just before the turn). About 20 minutes after you turn left there, you'll pass the first Tapoco dam - Chilhowie - on the right. Keep driving for about 10 more minutes until you see the sign for Calderwood on the right. Turn in and drive to the bottom of the hill, then left into the large parking lot. There is no cell phone coverage at Calderwood, but the number there is (865) 977-2342

Address:

Alcoa Power Generating, Inc.
318 Growndon Blvd.
Tallassee, TN 37878