



7. THE DEVELOPMENT PROCESS - LESSONS LEARNED -

Brad Jones and Judi Agnew

NOTE: MRPC Power Plant construction photos used in this presentation are available on the MRPC website: <http://www.mississippiriverpower.com/home.aro>



Key Lessons

- Power plant redevelopment is complicated and things **won't** go exactly as planned
- There will be **lots** of dump trucks, excavators and cement trucks...
- Don't expect the final result to look exactly like the proposal



Unexpected Things will Happen

Breach of coffer dam at Middle Falls in January 2009 flooded worksite and equipment, and delayed the project until the following spring



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3



Construction Delays

By May of 2009, flood clean-up had been completed and the building of the generating station was able to resume



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The Construction Phase

- Lots of excavation and demolition will occur – excavated material will be trucked away
- Concrete forms will be built and reinforcing metal installed
- TONS of concrete will be trucked in and poured
- Normal flow of river at will be redirected and/or dammed several times during the project

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5



Blasting and Hoe Ramming of Penstock Channel



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Tailrace Excavation below the Generating Station



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Concrete Base poured for Penstock Channel



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(Some of the) Penstock Plumbing is Delivered



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Penstock Placement



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Truckload after Truckload of Concrete



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Generating Station Excavation



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Mods to Old Generating Station (never mentioned in the proposal)



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Remaking the Riverbed



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Generating Station Building



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Lower Cofferdam Opened



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MRPC Generating Station: Architect's Concept 1



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MRPC Generating Station: Architect's Concept 2



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The MRPC Generating Station that was built



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The Promised “Stone Facing”

Covers less than 10% of building exterior



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And the Night View...



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Stay Involved!

- You have to be your own advocate if you think things are not being done properly
 - the government and regulatory agencies don't have the time or staff to stay on top of every project
- The Permit To Take Water (PTTW) is one of your biggest levers
 - use it to hold the proponent accountable

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22