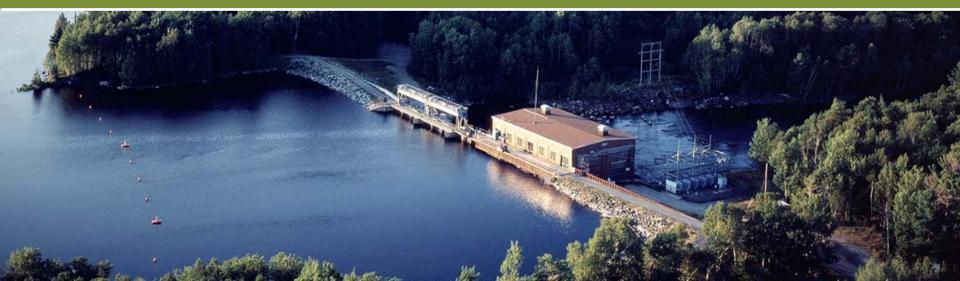
Brookfield Renewable Power

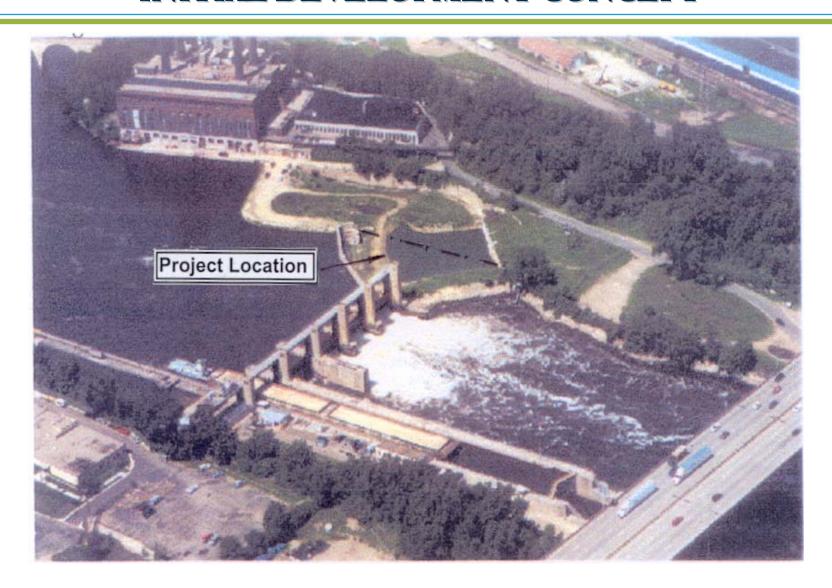




SAF Hydroelectric



SAF HYDROELECTRIC INITIAL DEVELOPMENT CONCEPT



St Anthony Falls Hydroelectric

History

- November 1987- Powerhouse failed due to seepage undermining of sandstone.
- ➤ 1998- lower Site removed from license for project No.2056
- ➤ 2001-SAF Hydroelectric Filed Preliminary FERC Permit Application
- > FERC License Submitted January 2004
- > FERC License Approved February 2006
- ➤ BRP Involvement Early 2007 W/ SAF LLC
- ➤ I-35W Bridge Collapse

SAF HYDROELECTRIC MATRIX APPLICATION

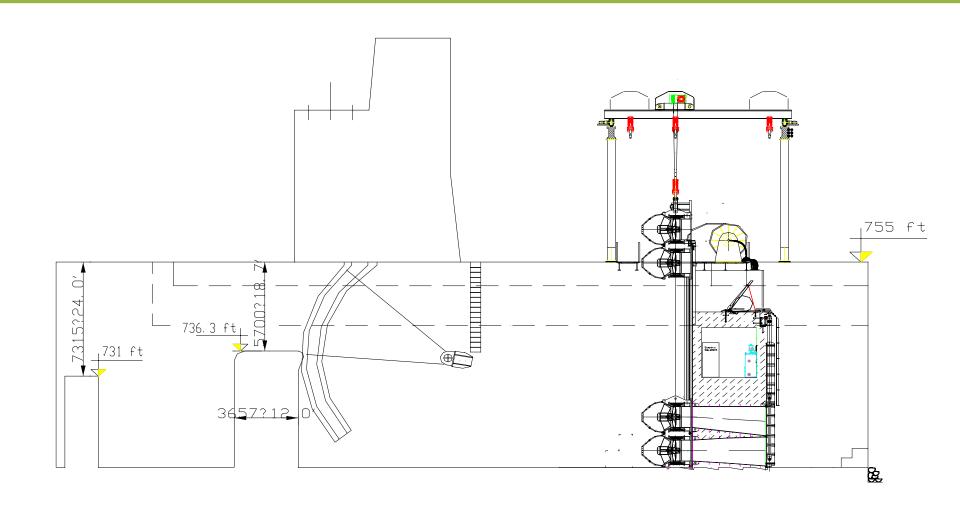


Photograph No.1

Arial View of Site



SAF HYDROELECTRIC MATRIX APPLICATION



SAF Challenges

- FERC License on a USACE site
 - At the time no clear guidance/procedures for "outside" construction process on USACE site
 - Site Operations "Nervous" of New Powerhouse
- US Army Corps of Engineers Operation
 - Design approval Time & Detail
 - Site Security/Access
 - OPM Process
 - Use of site equipment
 - Navigational concerns
 - Flow changes / Boat Traffic
- US Army Corps of Engineers Safety Program
 - Accident Prevention Plan (APP) Approval
 - Incremental Approvals Not Acceptable
- **▶ I-35W Bridge Collapse**
 - Corps Involvement with Incident
 - Site Access



SAF Successes

- Received USACE Approval in March 2009
 - MOA Approved
 - APP's Approved
- FERC Construction Approval April 2009
- ➤ MTSA TWIC Program Easier Security Process
- Began Construction Activities Late April 2009
- ➤ Improved Relationship with USACE
 - Do What's Asked/Follow Up/Debate Appropriately
 - SAF Commitment To Safe Construction & Operation
 - "Communicate / Coordinate / Communicate"

"We Have Learned"

- Clear Understanding of USACE Requirements Takes Time
 - Safety
 - Design
 - Operations
 - Security
 - Time Required For Approvals
- Staff Appropriately For Project Development
- Staff Appropriately For Construction & Operational Development
- ➤ Owner Has FERC License But To Be Successful Involves Understanding The Federal Entity is the "Landlord".

"Thank You!"

