

Applicants' Witness

Mark Rolfes

Project Manager

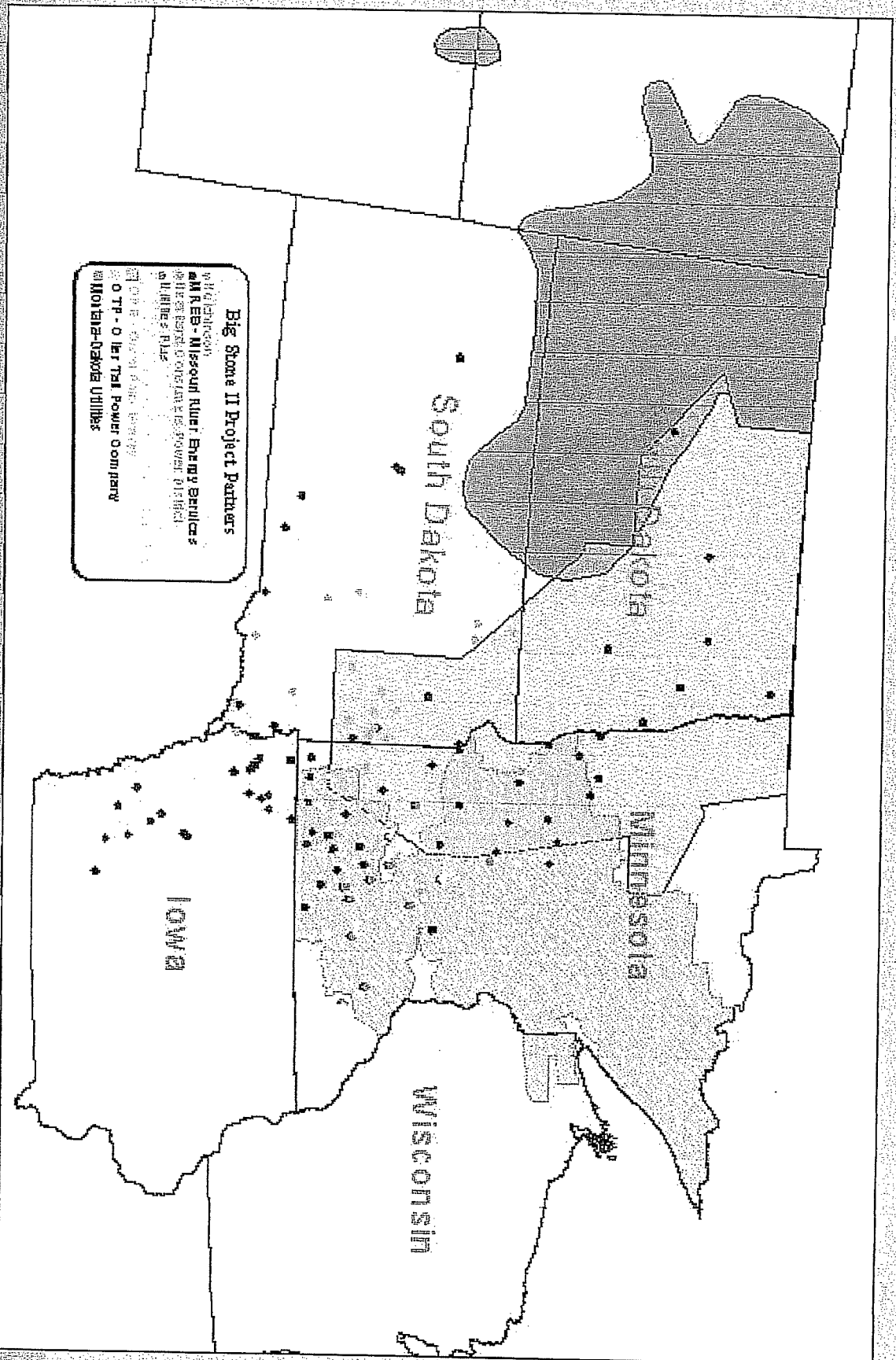
Otter Tail Power Company

Summary

Applicants' Exhibits 8 and 33



Big Stone II Service Territory



Direct Testimony (Applicants' Exhibit 8)

- Alternative energy sources considered
- Alternative sites considered
- Selection of Pulverized Coal Supercritical technology
- Fuel Source
- Time Schedule for plant construction
- Project costs
- Future plans

Project Structure

- Seven utilities as tenants in common
- Otter Tail Power Company lead developer
- Otter Tail Power Company eventual plant operator

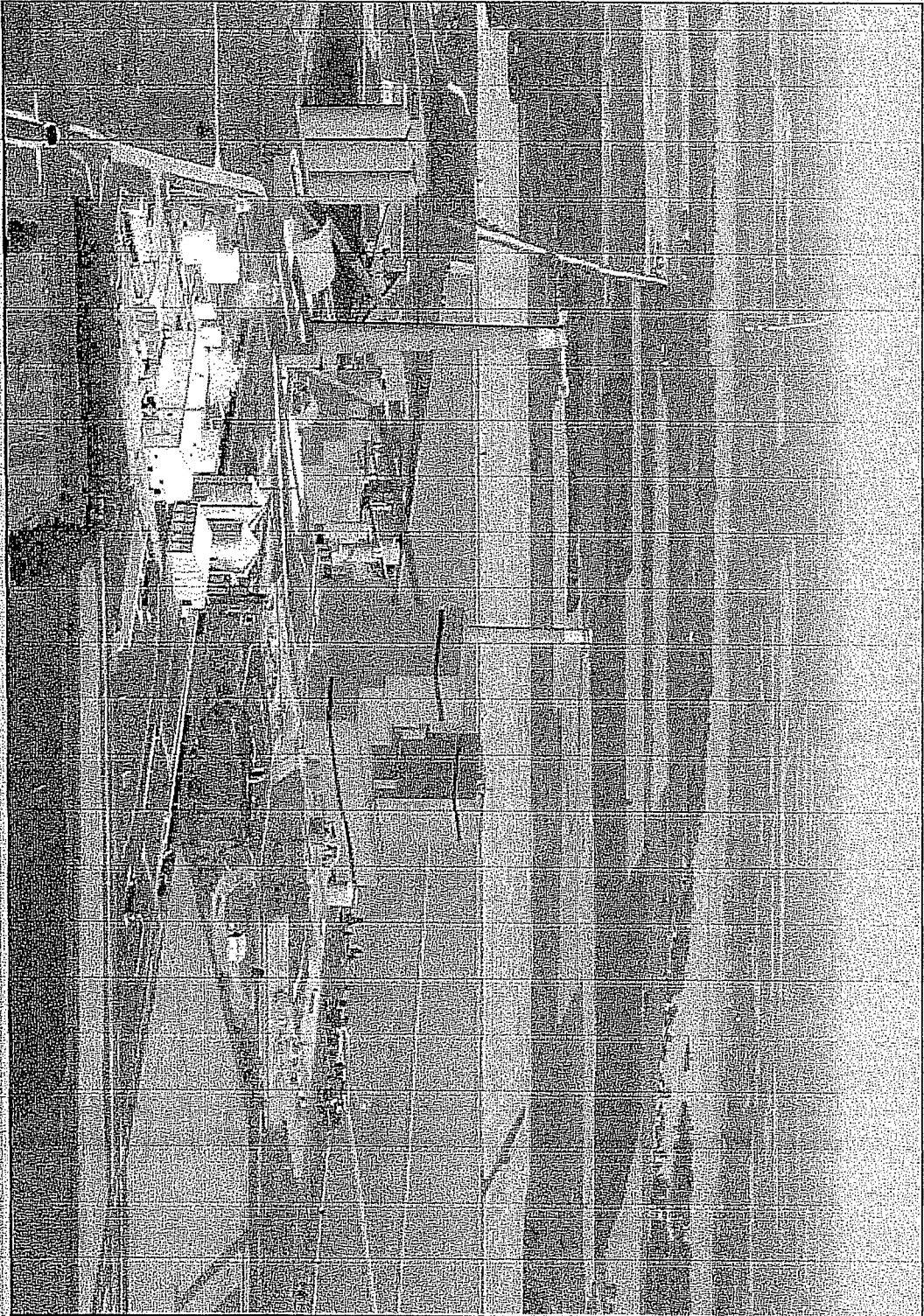
Project Cost

- More than \$1 billion in 2011 dollars

Project Site Selection

- 38 potential sites
- Short list for further investigation
- Big Stone site chosen

Project Site (artist's rendering)



Project Schedule

- Assumes permits are received
- Site mobilization Spring 2007
- Site work start Summer 2007
- Steel erection 2008
- Boiler and turbine erection begin late 2008
- Balance of Plant (BOP) 2009
- System completion, check out and commissioning 2010
- Commercial operation Spring 2011

Primary Fuel

- Powder River Basin sub-bituminous coal
- Delivery by BNSF Railroad

Alternative Energy Resources

- Screening of options based on three basic objectives:
 - The technology must be applicable;
 - The facility must be available for service when needed;
 - The facility should enhance the overall reliability of the electric system.
- For alternatives that pass these objectives screening based on:
 - Cost, economic effects and environmental impacts

Rebuttal Testimony (Applicants' Exhibit 33)

- Minor design changes
- Agree with SDPUC Staff recommendations