HP Turbine Replacement - Phone Survey

Date 2/11/02

Plant Sherburne County / Sherco Becker MN
2-700 / 3-800
Utility Xcel Energy
tell very little (very defensive)
Name Mark Cold
Title Turbine Engineer (763)-261-3522
(Gary Julp)
Gene Daniman (612) 330-7641
New position (Training + Safety)

Setup (Calling to inquiry HP turbine replacement

How did Alstom turbine replacement workout?
U#1 HP
When spring 2001, (generator rewind)

How are they running? great

any problems Reason - SPE issues

Design
full arc admission 3+1 opinion
are not base loaded
changed valving sequence

Did you perform acceptance test?
Who tested it? Alstom / Plant

How / that test procedures ~~[illegible]~~ Enthalpy test

How good a job did testers do?

How did testing turn out
η = ?
wouldn't state η #'s
→ did met guarantee
[Corporate policy
EPA restrictions

3 year payback
emission caps

issues
→ watch valve press drop upstream
Steam tables
tolerances / uncertainties

details
tolerance / uncertainty

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