Turbine Spec

Unit 1/2

2 acceptance

Need - 2 current Heat Balance Diagram

1000

2350

2400

Δh

HP mw calc

testing? ~~[illegible]~~/post

min of 2 ~~tests~~ duplicated

why only 3% more than original

~~[illegible]~~ guarantee $\eta_{HP}$ 92%

~~from~~ standard testing ~~#~~ inlet to outlet

3rd party testing?
test at 25%/50%/75% establish flow curve flow
flow measurement based on final feedwater flow nozzle
1st stage
& $\eta$ flow
steam seal requirements

CX's — full arc vs partial arc

what changes to be made

Power Calc

FFW flow
(2) extr drain flow

thrust bearings

warranty

availability + reliability

rotor balance specs / balance ring provisions
require them to statically + dynamically balance

1 year — teardown + inspection

Went Dave-S rebuild info contour info
blade openings

Need
Call references Allstrom
US of all turbine replacements
contact GE

others
FP&L
Desert

Steam Path Audit
Initial IPSC
Spec sheet
Rebuild + Repair
throat openings
Diagram Partitions
profile gauges
model

provide
profiles at x y + z
radial height
trailing edge thickness
are throat openings

IP7010847

thrust/balance piston
b
gland steam

turbine design

VWO
flow
press
temp
MW

required list of spare parts

4th stage } need design criteria
How stipulate when extraction

MW HP calc only inlet/outlet
$\eta_{HP}$ x cross
x

don't send out OE HBD

use IBSC

capacity

Wheelpower calc

$\Delta h$ flow (-extr flow)

Test Cabinets

use press

head correction

Testing

Outage blowdown/ nozzle

inspect

IP7010849

max 6975

~~6626~~ ~~95%~~ 5%

6643 ~~95%~~ 6750 205 3.3%

max 6600

5%

6256 6286