(1) HP Turbine Replacement - Performance Testing Summary
(from Turbine Contract 01-45510)

HP Efficiency
$\eta_{HP\,turbine} = 92.2\%$ Defined - across both valves & HP section

Penalty: for each 0.1% shortfall (corrected for actual operating conditions)
(add test tolerance) will pay $75,000 (limit to 2%, then must retest)
(2.0 - t.t. = 90.2 - tt) 2.0% = $1,500,000

Incentive: for each 0.1% above not rounded (corrected)
(no test tolerance applied) will pay $15,000 up to max of $200,000
(1.33% = 93.53%)

(2) HP Section Wheel Power Output U2 = 299.0 mw / U1 = 300.9 mw

Penalty: for each 1.0 mw shortfall (attributed to flow below 6,900 (2400 psi/VWO)
(add test tolerance) will pay $250,000 (no maximum stated)

or can substitute HP Swallowing Capacity U2 = ? / U1 = ?

Penalty: for each 1.0% main steam shortfall below 6,900 will pay $75,000
(no maximum stated)

(3) Throttle flow
for each 0.1% of main steam flow in excess of 6.975 Klbs/hr will pay $15,000 (no max)

Performance Testing (2 tests: baseline + followup)

Schedule - Baseline test as soon as practical after startup
(but not later than 8 weeks)

followup test - 30 days after ~~initial~~ baseline test

Results calculated averaging baseline and followup tests

NOTE:

Testing Tole
equal

All testing valid if no more than 2.0% below guaranteed $\eta_{HP} < 90.3\%$

RETEST

Test Condi
VWO

if $\eta_{HP} > 2.0\%$ (below guarantee or 90.2%)
an additional (third) test shall be run + paid for by IPSC

$_{inlet} = 3.0\%$

Note: All test results shall be averaged and used.

22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS
AMPAD