

Comparison of Pre-Uprate CCS Heat Discharge with Post-Uprate CCS Heat Discharge

PRE-UPRATE

- **Turkey Point Plant (Units 1 - 4) Heat Discharge to CCS: 14.6E+09 BTU/Hr. (FPL SCA – Appendix 10.6)**
 - Turkey Point Unit 3 Heat Discharge to CCS: 5.35E+09 BTU/Hr. (EPU LAR Attachment 7, 7-21)
 - Turkey Point Unit 4 Heat Discharge to CCS: 5.35E+09 BTU/Hr. (EPU LAR Attachment 7, 7-21)
- Therefore Turkey Point Units 1 & 2 Heat Discharge to CCS: 3.9E+09 BTU/Hr. ($14.6 - 10.7 = 3.9$)

AND

- Turkey Point Unit 1 Heat Discharge to CCS: 1.95E+09 BTU/Hr. ($3.9/2 = 1.95$) (FPL SCA - Appendix 10.6)
- Turkey Point Unit 2 Heat Discharge to CCS: 1.95E+09 BTU/Hr. ($3.9/2 = 1.95$) (FPL SCA - Appendix 10.6)

POST-UPRATE

- **Turkey Point Plant (Units 1, 3, 4) Heat Discharge to CCS: 13.99E+09 BTU/Hr. (6.02 + 6.02 + 1.95)**
 - Turkey Point Unit 3 Heat Discharge to CCS: 6.02E+09 BTU/Hr. (Ian Waters based on Unit 3)
 - Turkey Point Unit 4 Heat Discharge to CCS: 6.02E+09 BTU/Hr. (Steam Turbine Test Report)
 - Turkey Point Unit 1 Heat Discharge to CCS: 1.95E+09 BTU/Hr. ($3.9/2 = 1.95$)
 - Turkey Point Unit 2 Heat Discharge to CCS: Dedicated to Synchronous Condenser Operating Mode