

From: Robert, James T [REDACTED]
Sent: Friday, March 09, 2012 11:49 AM
To: Dimarzio, John A.; virginia.kay [REDACTED]
Cc: Keys, Ta; Brown, Philip D
Subject: RE: Power Levels of three Browns Ferry Reactor units and two Sequoyah Reactor Units

The TVA Business Group has several different definitions of electrical generating capacity dependent upon the assumptions(i.e. gross capacity, net dependable capacity, seasonally-adjusted capacity, etc.) . Below are the best choices for use in the SEIS from their listed unit capacities:

<u>Reactor</u>	<u>Current Licensed Thermal Power(MWt)</u>	<u>Current Gross Maximum Capacity(MWe)</u>	<u>Gross Maximum Capacity with extended power uprate (MWe)</u>
BFN 1	3458	1158	1292
BFN2	3458	1161	1295
BFN3	3458	1161	1295
SQN1	3455	1216	
SQN2	3455	1194	

Jim Robert
[REDACTED]
[REDACTED]
[REDACTED]

From: Dimarzio, John A [REDACTED]
Sent: Thursday, March 08, 2012 4:49 PM
To: Robert, James T
Subject: FW: Power Levels of three Browns Ferry Reactor units and two Sequoyah Reactor Units
[FYI](#)

From: Dimarzio, John A.
Sent: Monday, February 27, 2012 3:32 PM
To: Robert, James T
Cc: Carey, Christopher
Subject: FW: Power Levels of three Browns Ferry Reactor units and two Sequoyah Reactor Units

[There appears to be some confusion over the reactor power levels for BFN and SQN \(see below\). Can you clarify for us?](#)

From: Schlegel, Robert L.
Sent: Monday, February 27, 2012 2:14 PM
To: Dimarzio, John A.
Cc: [schlegel](#) [REDACTED]
Subject: Power Levels of three Browns Ferry Reactor units and two Sequoyah Reactor Units

John:

Based on the meeting held at SRS last week, there seems to be some confusion about the power levels (megawatts electrical) that SAIC is reporting in the SPD SEIS. The SPD SEIS in chapter 3 gives the power level for each of the three Browns Ferry units as approximately 1,100 MWe and for each of the two Sequoyah units as approximately 1,150 MWe (Sections 3.2.1 and 3.2.2). In Appendix I of the SPD SEIS (Section I.1), the values are given as 1,150 MWe for each Browns Ferry unit and 1,221 MWe for each Sequoyah unit. In addition, it is stated in Table I-1 that TVA plans to increase each of three the Browns Ferry units to a capacity of 1,280 MWE. At the meeting at SRS, it was stated that each unit of Sequoyah was operating at 1221 MWe (which would agree with Table I-1 for Sequoyah, but not Chapter 3).

It would be helpful if TVA were contacted to provide SAIC with the latest information regarding the power levels of the Browns Ferry and Sequoyah units. This should include actual existing operating and capacity power levels (MWe) and should also include planned increased power levels (MWe). This would allow SAIC to incorporate the correct values and remove inconsistencies in the SEIS.

Bob Schlegel (2-27-2012)

[Robert L. Schlegel](#) | SAIC
Senior Nuclear Engineer | Engineering Support
[REDACTED]