

The Environmental Impact Assessment (EIA) prepared for KKNPP-1&2 has since been made public and the same is available on NPCIL website. This report was prepared for finalizing environmental management programme and the same was not required to be put up to the authorities and local people for public hearing as per the existing stipulations. The EIA prepared for expansion of KKNPP i.e. for setting up of units-3 to 6 had included the environmental impact on account of units-1&2 and cumulative effect of all the six units. A statement substantiating the above observations is given below. EIA for KKNPP-3 to 6 was made public long back and the same had formed the basis for public hearing and as such one can conclude that all the environmental issues of setting up of six units at KKNPP in a cumulative fashion have been addressed, made known to public and covered during public hearing.

**Point wise statement of the Impacts of KKNPP 1&2 considered in the
Comprehensive Environmental Impact Assessment (EIA) Report for KKNPP 3-6 (Date of report: June 2007) :**

SI no	Environmental Impact Assessment (EIA) Report	Reference of KKNPP 1&2 in the EIA Manual of KKNPP 3-6
1	Chapter 1: Introduction	Para 1.1: refers to the proposed units being established adjacent to KKNPP 1&2
2	Chapter 2: Project profile	Figure 2.2 contained the general layout of KK site including KKNPP 1&2 and KKNPP 3 to 6.
3	Chapter 3 : Base line status and Impact statement.	<p>3.1 : Air environment: Base line data of 30 Kms around KK site is established.</p> <p>3.2 Noise environment : The noise on human settlements and noise due to traffic of 30 Kms around project site (KK 1-6) is established. Also clause 3.2.1: Refers KKNPP 1&2 construction activities and the noise produced.</p> <p>3.3: Water environment: Base line data of 30 Kms of fresh water environment around project site is established.</p> <p>3.4 Land environment: Base line data of 30 Kms of land environment around project site is established.</p> <p>3.5 Biological environment: Base line data of 30 Kms of land environment around project site is established.</p> <p>3.6 : Socio economic environment: Base line data of 30 Kms of socio economic environment around project site is established.</p>
4	Chapter 4: Prediction of Impacts:	<p>4.1 Impact on Air environment (during operational phase): Impacts due to unit 1 & 2 have been considered in the prediction exercise. All environmental variables for unit 1 & 2 are also considered and predicted values have been included while predicting impacts for units 3 to 6 and combined results have been presented.</p> <p>4.2: Impact on noise environment (during operational phase): The model used is for predicting increase in noise levels due to the cumulative effect of units 1 to 6.</p> <p>4.3: Impact on water environment (during operational phase): Para 4.3.5 details the Provisions in Kudankulam Projects 1-6 to meet MoEF Stipulation regarding Heat Effluents</p> <p>4.4: Land environment: Refers to the location of total site.</p> <p>4.5 Biological environment: Concludes that "Therefore, the 6 units of the NPP at Kudankulam may</p>

		not adversely affect the existing green cover in the area, on the contrary, the plantations, which would be grown in the plant area, and the residential area will be helpful in increasing green cover in area”.
5	Chapter 6: Environmental Management Plan (EMP) :	<p>Para 6.2: EMP for construction phase of KKNPP 1&2 and applicable for KKNPP 3-6 has been recommended.</p> <p>Para 6.3 :EMP for operational phase considers for KKNPP site.</p>
6	Addendum to EIA report:	<p>Para 3: Emergency preparedness manual of KKNPP site referred.</p> <p>Para 4: Condenser cooling water discharge of KKNPP 1&2 considered.</p> <p>Para 5:Base line status of the population as per 2001 census around 50 Km of the site detailed.</p> <p>Para 7: clearly states that KKNPP 3-6 will be similar to KKNPP 1&2</p> <p>Para 9: Refers to the siting clearance of KKNPP 1&2.</p>