STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY
CHHATTISGARH
Government of India
Ministry of Environment and Forests

1-Tilak Nagar,
Shiv Mandir Chowk,
Main Road Avanti Vihar,
Raipur (C.G.)
E-mail: seiaaccg@gmail.com
Website – www.seiaacg.org

No. 328 /SEIAA-CG/EC/TPP/KOR/32/08 Raipur, Date 22/12/2008

To,

M/s Aryan Coal Benefications Private Limited
18, Basant Enclave,
Rao Tularam Marg, New Delhi - 1100057
Works: Village – Kasaipali, Korba
District – Korba (C.G.)

Sub: - Proposed 270 MW Washery Reject/ Coal Based Thermal Power Plant of M/s Aryan Coal Benefications Private Limited at Village - Kasaipali, Tehsil- Katghora, District- Korba – Environment Clearance Regarding.

Ref:
1- Your application no. ACBPL/BSP/POL/Power/07/6047 dated 07th August, 2007 submitted to Ministry of Environment and Forests, Government of India.
2- Terms of Reference (TOR) for preparing draft EIA report for Environment Clearance issued by Ministry of Environment and Forests, Government of India vide letter no. J-13012/202/2007-IA-II(T) dated 14/12/2007.
3- Ministry of Environment and Forests, Government of India letter No. J-13012/202/2007-IA.II (T), dated 06/05/2008.
4- Your letter no. nil dated 23/05/2008 and subsequent correspondence ending dated 06/12/08.

= 0 = 0 =

The undersigned is directed to refer to your communication dated 23/05/08, 06/08/08, 29/08/08, 02/12/08 and 06/12/08 regarding the subject mentioned above.

It is noted that the proposal is for grant of Environmental Clearance for setting up of a Washery Reject/ Coal Based Thermal Power Plant of capacity 270 MW at Village - Kasaipali, Tehsil- Katghora, District- Korba (CG). The land requirement is about 120 ha, which includes 30 ha for main power plant, 5 ha for coal storage, 33 ha for ash disposal, 36 ha for greenbelt, 14 ha for township & colony and 2 ha for raw water storage. No ground water shall be extracted for any activity of the power project including construction phase of the project. Water requirement will be about 1140 m^3

per hour. Water will be supplied through Ahiran River and its tributaries Kholar Nala and Seliha Nala. The Department of Water Resources, Government of Chhattisgarh, Raipur has allocated 10 million cubic meter/annum (matching to the demand i.e. 1140 cubic meter per hour) water from Ahiran River and its tributaries Kholar Nala and Seliha Nala. Coal washery reject and coal will be used as fuel. Coal washery reject will be supplied from near by coal washery and coal from SECL mines. Two Circulating Fluidized Bed Combustion Boilers (CFCB) will be installed. The Public Hearing was conducted on 26/03/08. The cost of the project is Rs. 1350.00 crores, which includes Rs. 107.00 crores for environment protection measures.

The State Level Expert Appraisal Committee, Chhattisgarh considered the project in the 8th meeting held on 30th June 2008. Project proponent made the presentation before SEAC, Chhattisgarh in 9th meeting on 31/07/2008. Based on the consideration of the documents submitted, the presentation made and discussion held in 10th and 12th meeting of SEAC held on 19th August 2008 and 12th September 2008 respectively, the State Level Expert Appraisal Committee, Chhattisgarh recommended for grant of Environmental Clearance as per the provisions of Environmental Impact Assessment Notification, 2006 and the subsequent amendments.

The proposal and recommendation of State Level Expert Appraisal Committee, Chhattisgarh was considered in the fifth, sixth and seventh meeting of SEIAA, Chhattisgarh held on 07th November 2008, 03rd December 2008 and 16th December 2008 respectively. The SEIAA Chhattisgarh perused the information/ affidavit submitted by project proponent. After detailed deliberations, the SEIAA, Chhattisgarh decided to accept the recommendations of SEAC, Chhattisgarh and to grant Environment Clearance. Accordingly, SEIAA, Chhattisgarh hereby accords Environmental Clearance subject to strict compliance of the terms and conditions mentioned below:-

(i) The acquisition of land for the 2 x 135 = 270 megawatt washery reject/coal based thermal power plant shall be restricted to maximum 120 ha. with the following break-up: -

Power Plant	30 ha.
Ash Dyke	33 ha.
Fuel Storage Area	05 ha.
Raw Water Storage Area	02 ha.
Township and Colony	14 ha.
Greenbelt	36 ha.
Total	120 ha.

(ii) The confirmed coal linkage to meet the requirement for requisite quantity of coal (0.957 Million Tonne/Annum) for the ultimate capacity shall be obtained before commissioning the project. Copy of the coal linkage shall be submitted to the Chhattisgarh Environment Conservation Board, Raipur, Regional Office, Chhattisgarh Environment Conservation Board, Korba, SEIAA, Chhattisgarh and Regional Office, Ministry of Environment & Forests, Government of India, Bhopal. The consumption of coal washery reject shall be 1.218 Million Tonne/Annum. The ratio of coal-to-coal washery reject shall be maintained as indicated above.

(iii) Project proponent shall provide adequate facility for proper treatment of industrial and domestic effluent. Project proponent shall provide effluent treatment plant before commissioning of the plant. Treated/un-treated effluent collection pond shall be lined suitably to prevent seepage in to ground for avoiding ground water contamination. All the effluent treatment system shall be kept in good running condition all the time and failure (if any), shall be immediately rectified without delay otherwise similar alternate arrangement shall be made. Project proponent shall ensure the treated effluent quality within standard prescribed by Ministry of Environment & Forests, Government of India.

(iv) Any liquid effluent what so ever generated from industrial activities including ash dyke (if any) shall not be discharged into the river or any surface water bodies under any circumstances, and it shall be reused wholly in the process/plantation. All the industrial effluent including ash dyke effluent (if any) generated shall be re-circulated/reused after proper treatment. Project proponent shall provide sewage treatment plant of adequate capacity for treatment of domestic effluent generated from township. The un-treated/treated domestic effluent shall not be discharge into the river or any surface water bodies. The treated domestic effluent shall be used for plantation purpose after proper disinfection. Industry shall make proper arrangements of suitable drains/pipe networks to ensure adequate flow for utilization of treated effluent inside the premises. The concept of zero discharge shall be maintained all the time except during monsoon. Arrangements shall be made that effluents and storm water do not get mixed.

(v) Project proponent shall provide adequate measuring arrangements for the measurement of water utilized in different categories and effluent generated before commissioning of the plant.

(vi) Closed cycle cooling system with cooling towers shall be provided. COC of at least 6 shall be adopted and the effluents shall be treated as per the prescribed norms. Minimum water drawl for makeup purposes shall be ensured.

(vii) Project proponent shall provide adequate air pollution control arrangements at all point and non point sources. Electro Static Precipitator(s) having efficiency of not less than 99.9% (with maximum designed emission of particulate matter less than 50 mg/Nm3 in one field out condition) in all the boilers, suitable & effective air pollution control equipments (adequate dust extraction systems such as cyclones/ bag filters) for the control of emissions from processes/ operations and for the control of emission during the handling & transportation of raw materials/coal, fly ash/bottom ash etc. shall be installed before commissioning of the plant and maintained in proper order during operation. Project proponent shall install suitable & effective air pollution control equipments at all transfer points, junction points etc., also. All the conveying system, transfer point, junction point etc. shall be covered. Close conveying system with dust suppression mechanism shall be used for transport of coal washery reject from the coal washery and for carrying the ash to the disposal areas. Adequate provision shall be made for sprinkling of

water at strategic locations for ensuring fly ash does not get air borne. For controlling fugitive dust, regular sprinkling of water in coal handling and other vulnerable areas of the plant shall be ensured. The emission of pollutants from any point source shall not exceed the following limit: -

Particulate Matter	50 mg/Nm^3 (Fifty Milligram per Normal Cubic Meter)

Project proponent shall provide proper space provision for further retrofitting of air pollution control systems in case of further stringency of particulate matter emission limit.

(viii) As per the affidavit submitted, the industry shall take adequate and necessary steps to ensure the transportation of entire requirement of raw coal to the factory by rail, for which, the company shall lay the rail track up to its own railway siding at plant premises within a period of maximum two years from the date of issue of Environmental Clearance after obtaining the necessary approvals from competent authorities.

(ix) In case of transportation of other materials by road, the industry shall maintain fugitive dust emissions to the minimum level in the areas of road transportation routs to ensure National Ambient Air Quality Standards prescribed including black topping/asphalting/concreting and maintenance with requisite water sprinkling arrangements.

(x) All air pollution control systems shall be kept in good running conditions all the time and failure (if any), shall be immediately rectified without delay otherwise similar alternate arrangement shall be made. In the event of any failure of any pollution control system adopted by the industry, the respective production unit shall not be restarted until the control measures are rectified to achieve the desired efficiency.

(xi) Regular monitoring of ground level concentration of SO_2, NOx, SPM and RSPM shall be carried out in the impact zone and records maintained. If at any stage these levels are found to exceed the prescribed limits, the plant will cease all operations till necessary control measures are provided. The location of the monitoring stations and frequency of monitoring shall be decided in consultation with Chhattisgarh Environment Conservation Board Raipur. Periodic reports shall be submitted to Chhattisgarh Environment Conservation Board, Raipur, Regional Office, Chhattisgarh Environment Conservation Board, Korba, SEIAA, Chhattisgarh and Regional Office, Ministry of Environment & Forests, Government of India, Bhopal.

(xii) Project proponent shall provide a bi-flue stack of 135 meters height with top internal diameter of 3.5 meter of each flue for adequate dispersal of gaseous pollutants emitted from boilers with continuous online monitoring instrument for SOx, NOx, and Particulate Matter. Exit velocity of flue gases shall not be less than 22 m/sec for adequate dispersal of gaseous pollutants. Continuous record of exit velocity shall also be maintained and submitted to the Chhattisgarh Environment Conservation Board, Raipur, Regional Office,

Chhattisgarh Environment Conservation Board, Korba, SEIAA, Chhattisgarh and Regional Office, Ministry of Environment & Forests, Government of India, Bhopal.on a yearly basis. The height of other stack(s) shall not be less than 30 meters.

(xiii) Sulphur and ash contents in the raw coal to be used in the project shall not exceed 0.4% and 42% respectively at any given time. Similarly Sulphur and ash contents in the coal washery reject to be used in the project shall not exceed 0.4% and 60.5% respectively at any given time. Ash generation shall be limited to 3295 tonnes/day.

(xiv) Adequate number of permanent ambient air quality monitoring stations (not less than four) in the core zone as well as buffer zone for SPM, RPM, CO, NOx and SO_2 shall be set-up in the down wind direction as well as where maximum ground level concentrations are anticipated in consultation with the Chhattisgarh Environment Conservation Board. Monitoring net-work shall be designed taking into account the environmentally and ecologically sensitive targets, land use pattern, location of the stacks, meteorological conditions and topographic features including existing ambient air quality data. The data so collected shall be properly analyzed and submitted to the Chhattisgarh Environment Conservation Board, Raipur, Regional Office, Chhattisgarh Environment Conservation Board, Korba, SEIAA, Chhattisgarh and Regional Office, Ministry of Environment & Forests, Government of India, Bhopal in every six months.

(xv) Space provision for installation of flue gas de- sulphurization plant (FGD) shall be made so that the same could be installed, if required from environmental angle. Due to commissioning of the power generation units, if 98 percentile values for SO_2 (based on actual monitored field data) in the ambient air of nearby areas exceed the prescribed permissible limit for respective sensitive areas, rural, residential and other areas; project proponent shall install flue gas de-sulphurization units immediately without any delay.

(xvi) Project proponent shall install separate electric metering arrangements with time totalizer for the running of pollution control devices. These arrangements shall be made in such a fashion that any non-functioning of pollution control device/devices shall immediately stop the electric supply to the fuel supply system and shall remain tripped till the pollution control device/devices are made functional again/rectified to achieve the desired efficiency.

(xvii) Project proponent shall incorporate total ash utilization as integral part of the project. Project proponent shall install dry fly ash extraction systems so that ash generated during the power generation, is collected in dry form and it shall be utilized 100% for other beneficial uses such as brick/block/products making, road construction, cement making, abandoned mines filling and low lying area filling, ash dyke height raising etc. as per guidelines/notification of Ministry of Environment and Forests, Government of India/Central Government/Central Pollution Control Board. Project proponent shall provided silos of adequate capacity with pneumatic/automatic arrangement of dry fly ash withdrawal to avoid dust emissions for dry collection and withdrawal of fly ash generated to facilitate the use of fly ash for different beneficial purposes

such as brick/block/products making, road construction, cement making, etc. Project proponent shall also use fly ash/bottom ash/pond ash based products for the construction activities. Project proponent shall adopt dry ash disposal system or high ash concentration slurry disposal system for disposal of unutilized fly ash and bottom ash in conventional slurry mode in ash pond.

(xviii) The disposal of fly ash especially for feeding the Cement Plants shall be done through transportation by rail to the maximum possible extent. The road transportation of ash and ash products shall be prohibited on road connecting the plant towards Dipka village due to the prevailing ambient air quality. The alternate routs in the northern direction or lower ambient air level routes shall be used.

(xix) Project proponent shall install fly ash brick/block/products-manufacturing machine of adequate capacity before start of construction activities of super structure of 2 x 135 megawatt units. Project proponent shall utilize the fly ash bricks/blocks etc. manufactured by own fly ash brick/block manufacturing machine in its construction activities. Project proponent shall procure fly ash from nearby power plants for manufacturing of fly ash brick/block/products till the commissioning of the power plant. After commissioning of the power plant, the fly ash generated from power plant shall be utilized for manufacturing of fly ash brick/block/products. Project proponent shall install additional fly ash brick/block/products-manufacturing machine of adequate capacity before commissioning of the power plant.

(xx) Project proponent shall follow the guidelines, notification etc. for utilization of fly ash/bottom ash/pond ash issued by Ministry of Environment and Forests, Government of India/Central Government/Central Pollution Control Board from time to time. 100% fly ash utilization shall be achieved within 9 years in accordance with the notification on fly ash utilization SO 763 (E) dated 14/09/1999 and the amendments made therein from time to time. Industry shall abide by the decisions taken by Ministry of Environment and Forests, Government of India/Central Government/ Central Pollution Control Board from time to time regarding use of fly ash/bottom ash/pond ash.

(xxi) Ash pond area shall be provided with impervious lining with suitable leachate collection systems to avoid any leaching of contaminants into underground water table/surface water. Project proponent shall provide suitable drainage systems around the fuel stockyard. Water sprinklers shall also be provided to control the ash emission from dyke area. Adequate safety measures shall also be adopted for the ash dyke to prevent any breaching.

(xxii) Project proponent shall take effective steps for safe disposal of solid wastes and sludge. Project proponent shall obtain authorization from Board for management and handling of hazardous materials as per Hazardous materials (Management, Handling and Tran boundary Movement) Rules, 2008.The industry shall take adequate and effective steps for the safe and scientific disposal of exhausted DM plant resin, which can also include the return of the same to the supplier.

(xxiii) All the internal roads shall be made pucca before commissioning of the power plant. The project proponent shall adopt good house keeping practices.

(xxiv) Project proponent shall take proper action to control the noise pollution. Project proponent shall install appropriate noise barriers /control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation to control the noise. Earplugs/ear muffs etc. shall be provided to the employee working in the area of generator halls and other high noise areas. Leq of /noise levels emanating from turbines shall be limited to 75 dBA. The noise level shall not exceed the limits 75 dB (A) during the daytime and 70 dB (A) during the nighttime within the factory premises. Project proponent shall take adequate measures for control of noise level below 85 dB (A) in the work environment. Workers engaged in noisy areas such as turbine area, air compressors etc. shall be periodically examined to maintain audiometric record and for treatment for any hearing loss including rotating them to non-noisy/ less noisy areas.

(xxv) Project proponent shall provide appropriate arrangements to avoid air pollution, water pollution, noise pollution etc. during construction phase and during transportation of plants/machineries/equipments/ construction materials etc. to the site for 2 x 135 megawatt units. For controlling fugitive dust during transportation and construction works, regular sprinkling of water in village roads and other vulnerable areas of the plant shall also be ensured. The emission from vehicles engaged for transportation of plants/machineries/ equipments/construction materials etc. to the site shall be ensured within prescribed vehicle emission norms. First aid and sanitation arrangements shall be made for the drivers and other contract workers during construction phase.

(xxvi) The construction of effluent treatment plant and installation of air pollution control equipments shall be taken up simultaneously with other civil/mechanical works of 2 x 135 megawatt units. The progress of the activities related to the project shall be submitted periodically to Chhattisgarh Environment Conservation Board, Raipur, Regional Office, Chhattisgarh Environment Conservation Board, Korba, SEIAA, Chhattisgarh and Regional Office, Ministry of Environment & Forests, Government of India, Bhopal.

(xxvii) Project proponent shall provide adequate number of influent and effluent quality monitoring stations/points in consultation with Chhattisgarh Environment Conservation Board. Regular monitoring shall be carried out for relevant parameters. Regular monitoring of surface and ground water quality including heavy metals shall be undertaken around ash dyke and the project area to ascertain the change in the water quality, if any, due to leaching of contaminants from disposal area/project area. Result and data collected shall be analyzed to ascertain the status of water quality and findings shall be submitted to Chhattisgarh Environment Conservation Board, Raipur, Regional Office, Chhattisgarh Environment Conservation Board, Korba, SEIAA, Chhattisgarh and Regional Office, Ministry of Environment & Forests, Government of India, Bhopal. Continuous monitoring of ground water level and quality shall be carried out by establishing a network of existing wells and

constructing new piezometers at suitable locations at the proponent's cost in and around project area including ash dyke area in consultation with Regional Director, CGWB, Central Region, Bhopal. Project proponent shall install at least four observation wells around the fly ash disposal area.

(xxviii) Adequate safety measures shall be provided in the plant area to check/minimize spontaneous fires in fuel yard, especially during summer season. Copy of the these measures with full details along with location plant layout shall be submitted to Chhattisgarh Environment Conservation Board, Raipur, Regional Office, Chhattisgarh Environment Conservation Board, Korba, SEIAA, Chhattisgarh and Regional Office, Ministry of Environment & Forests, Government of India, Bhopal.

(xxix) Storage facilities for auxiliary liquid fuel such as LDO and/ HFO/LSHS shall be made in the plant area where risk is minimum to the storage facilities and human life in and around the plant. Disaster Management plan shall be prepared to meet any eventuality in case of an accident taking place. Mock drills shall be conducted regularly and based on the same, modifications required, if any shall be incorporated in the DMP. Sulphur content in the liquid fuel will not exceed 0.5%.

(xxx) At-least 50 meter wide green belt shall be developed all along the boundary of the plant premises. Adequate wide green belt shall be developed all along the boundary of the ash pond area. As far as possible maximum area of open spaces shall be utilized for plantation purposes. Project proponent shall abide by the decisions taken by Ministry of Environment and Forests, Government of India/Central Government/ Central Pollution Control Board from time to time in this regard. Tree density of 1500–2000 trees per hectare with local broad leaf species should be maintained. At least 36 Hectares (about one third of the total plant area) shall be used for green belt development.

(xxxi) Project proponent shall provide garland drains with appropriate check dams all along the fuel, dust / ash storage areas etc. to avoid any possibility of erosion (wearing away) during rain. Garland drain (size, gradient & length) and sump capacity shall be designed keeping 50% safety margin over and above the peak sudden rainfall and maximum discharge in the area adjoining the project site. Sump capacity shall also provide adequate retention period to allow proper settling of silt material. Sedimentation pits shall be constructed at the corners of the garland drains. Project proponent shall provide adequate collection and treatment arrangement for proper management of storm water. The surface run-off shall be de-silted through a series of check dams and drains.

(xxxii) Project proponent shall adopt rainwater-harvesting technique in the project area and residential area for recharge of ground water. The rainwater-harvesting technique shall be incorporated right from the design stage of all structures. Project proponent shall develop rainwater-harvesting structures to harvest the rainwater for utilization in the lean season as well as to recharge the ground water table. A detailed scheme for rainwater harvesting to recharge the ground water aquifer shall be prepared in consultation with Central Ground Water Authority/State Ground Water Board. A copy of the

same shall be submitted within three months to the Chhattisgarh Environmer Conservation Board, Raipur, Regional Office, Chhattisgarh Environmer Conservation Board, Korba, SEIAA, Chhattisgarh and Regional Office Ministry of Environment & Forests, Government of India, Bhopal. No groun water shall be used for any purpose.

(xxxiii) Provision shall be made for the housing of construction labour within the sit with all necessary infrastructure and facilities such as fuel for cooking, mobil toilets, mobile STP, safe drinking water, medical health care, crutch etc. Th housing may be in the form of temporary structures to be removed after th completion of the project.

(xxxiv) Occupational Health Surveillance of the workers should be done on a regula basis and records maintained as per the factories Act.

(xxxv) The project proponent shall also comply with all the environmental protectio measures and safe guards recommended in the EIA/EMP report.

(xxxvi) Project proponent shall establish an environmental management cell t carryout function relating to environmental management under th supervision of senior executive who will directly report to the head c organization. A full-fledged laboratory with qualified technical/scientific staff to monitor the influent, effluent, ground water, surface water, soil, stac emission and ambient air quality etc. shall be provided.

(xxxvii) Adequate funds shall be allocated for undertaking CSR activitie (community welfare, environmental development activities apart fror committed plantation) and in any case it shall not be less than 5% of the ne profit. Details of activities shall also be submitted to Chhattisgarh Environmer Conservation Board, Raipur, Regional Office, Chhattisgarh Environmer Conservation Board, Korba, SEIAA, Chhattisgarh and Regional Office Ministry of Environment & Forests, Government of India, Bhopal. The fund earmarked for the environment protection measures shall not be diverted fc other purpose and year-wise expenditure should be reported to th Chhattisgarh Environment Conservation Board, Raipur, Regional Office Chhattisgarh Environment Conservation Board, Korba, SEIAA, Chhattisgar and Regional Office, Ministry of Environment & Forests, Government of India Bhopal. Training of PAP's, health, piped drinking water and school facilities a desired by Gram Panchayat(s) to be provided. All 108 PAP's and affecte landless labourers shall be given employment during construction an subsequently absorbed in the power plant.

(xxxviii) Project proponent shall also ensure the availability of adequat pastureland for cattle feed after acquisition of land for power plant. Projec proponent shall also facilitate the respective Gram Panchayats fc development of alternative posture land for cattle feed in the villages as pe demand of concerning Gram Panchayat.

(xxxix) The issuance of this environmental clearance does not convey any proper rights in either real or personal property, or any exclusive privileges, nor doe not authorize any injury to private property or any invasion of personal right nor any infringement of Central, State or Local laws or regulations.

(xl) All 108 PAP's and affected landless labourers shall be rehabilitated/compensation in accordance with the norms of the State Government. Details of R&R plan with compensation package shall be submitted to Chhattisgarh Environment Conservation Board, Raipur, Regional Office, Chhattisgarh Environment Conservation Board, Korba, SEIAA, Chhattisgarh and Regional Office, Ministry of Environment & Forests, Government of India, Bhopal.

(xli) SEIAA, Chhattisgarh reserves the right to amend/cancel any of the conditions and add new conditions and make further stringent the emission/effluent limit as and when deemed necessary in the interest of environmental protection, change in the project profile or non-satisfactory implementation of the stipulated conditions etc.

(xlii) The project proponent shall advertise in at least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned within seven days from the date of this clearance letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the Chhattisgarh Environment Conservation Board and may also seen at Website of the Ministry of Environment and Forests at www.envfor.nic.in and website of SEIAA, Chhattisgarh at www.seiaacg.org.

(xliii) Half yearly report on the status of implementation of the stipulated conditions and environment safeguards shall be submitted to the Chhattisgarh Environment Conservation Board, Raipur, Regional Office, Chhattisgarh Environment Conservation Board, Korba, SEIAA, Chhattisgarh and Regional Office, Ministry of Environment & Forests, Government of India, Bhopal.

(xliv) Regional Office of the Ministry of Environment and Forests at Bhopal will monitor the implementation of the stipulated conditions. A complete set of documents including Environment Impact Assessment Report and Environment Management Plan along with the additional information submitted from time to time shall be forwarded to the Regional Office for their use during monitoring.

(xlv) The project authorities shall inform the Regional Office as well as the SEIAA, Chhattisgarh regarding the date of financial closure and final approval of the project by the concerned authorities and the dates of start of land development work and commissioning of plant.

(xlvi) Full cooperation shall be extended to the Scientists/Officers from the SEIAA, Chhattisgarh, Ministry of Environment & Forests, Government of India/Regional Office, Ministry of Environment & Forests, Government of India, Bhopal/the CPCB/the Chhattisgarh Environment Conservation Board, who would be monitoring the compliance of environment status.

(xlvii) The environment clearance accorded shall be valid for a period of 5 years to start of production operations by the power plant.

(xlviii) In case of any deviation or alteration in the proposed project from those submitted to this SEIAA, Chhattisgarh for clearance, a fresh reference should

be made to the SEIAA, Chhattisgarh to assess the adequacy of the condition(s) imposed and to add additional environment protection measures required, if any. No further expansion or modifications in the plant should be carried out without prior approval of the Ministry of Environment and Forests, Government of India/SEIAA, Chhattisgarh.

(xlix) The project authorities must strictly adhere to the stipulations made by the Chhattisgarh Environment Conservation Board (CECB) and the State Government.

(l) The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) act, 1986 and rules there under, Hazardous Materials (Management, Handling and Trans Boundary Movement) Rules, 2008 and its amendments, the Public Liability Insurance Act, 1991 and its amendments.

(li) Any appeal against this environmental clearance shall lie with the National Environment Appellate Authority, if preferred, within 30 days as prescribed under Section 11 of the National Environment Appellate Act. 1997.

Please acknowledge the receipt of this letter.

For & on behalf of
State Level Environment Impact Assessment Authority, Chhattisgarh

PuRao 22/12

Member Secretary
State EIA Authority, Chhattisgarh
Raipur (C.G.)

Endt. No. /SEIAA-CG/EC/TPP/KOR/32/08 Raipur, Dated / /2008

Copy to:-

1. The Secretary, Ministry of Power, Shram Shakti Bhawan, Rafi Marg, New Delhi- 110 001.
2. The Secretary, Department of Environment, Mantralaya Chhattisgarh, Raipur-492001
3. The Chairman, Central Electricity Authority, Sewa Bhawan, R.K. Puram, New Delhi- 110 066.
4. The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-Cum-Office Complex, East Arjun Nagar, Delhi – 100 032.
5. The Chairman, Chhattisgarh Environment Conservation Board, 1-Tilak Nagar, Shiv Mandir Chowk, Main Road Avanti Vihar, Raipur (C.G.).