No. J-11015/76/2010-IA.II(M)
Government of India
Ministry of Environment & Forests

Paryavaran Bhawan,
CGO Complex,
New Delhi-110510.

To

Dated: 8th April 2010

Vice President (Projects),
M/s Jayeswals Neco Industries Ltd.,
Siltara Growth Centre,
RAIPUR – 493 221.

Sub: Pit Head Captive Coal Washery (3 MTPA) of M/s Jayeswals Neco Industries Ltd., located in Gare Pelma IV/8 Coal Mine mine, Tehsil Ghargoda, District Raigarh, Chhattisgarh (TOR)

Sir,

This is with reference to your letter No. JNIL/MOEF/03 dated 27.02.2010 enclosing the application on the aforesaid subject and its consideration in the EAC (T&C) meeting held on 22nd -23rd March 2010. It was informed that the proposal is for establishing a coal washery in the premises of Gare Palma IV/8 coalmine project for which an EC had been obtained in December 2008. The washery would obtain raw coal from its two captive coalmines in the area – Gare IV/4 of 0.4 MTPA production capacity and IV/8 of 1.2 MTPA production capacity. Clean coal is 1.26 MTPA is to meet the requirements of their linked Steel Plant and 1.74 MTPA of middling is for their linked TPP. The washery would comprise of two units- wet washery to wash F grade coal from IV/8 and 1.2 MTPA of 'D-E-F-G' grade by dry washery unit. Transportation from the washery to the Steel Plant at Raipur and to the TPP (at a distance of 13-14km) would be by road using 35-T trucks. The total capital cost of the unit is Rs 63 crores. The proponent sought an exemption from conduct of P.H. under clause 7.2 of the EIA Notification 2006.

The Committee stated that proposal does not qualify under clause 7.2 which is for an expansion of an existing unit, and is for establishing a coal washery which has been included in the Schedule of the EIA Notification as a separate category. The Committee desired that since the combined requirement of the steel plant-cum TPP is 1.6 MTPA, it would be desirable to consider establishing the wet washery unit of 1.8 MTPA capacity first. The second dry unit (Air Jig) of 1.2 MTPA could be considered when the two coalmine projects come for an expansion. The Committee that Monitoring of AAQ should be as per the new protocol and standards. The Committee sought the status of compliance of EC and P.H. conducted for the IV/8 coalmine.

Based on the presentation made and discussions held, the Committee prescribed the following TOR:

(i) A brief description of the plant, the technology used, the source of coal, the mode of transport of incoming unwashed coal and the outgoing washed coal. Specific pollution control and mitigative measures for the entire process.

(ii) The EIA-EMP report should cover the impacts and management plan for the project of the capacity for EC is sought and the impacts of specific activities on the environment of the region, and the environmental quality – air, water, land, biotic community, etc. through collection of data and information, generation of data on impacts for the rated capacity. If the washery is captive to a coal mine/TPP/Plant the cumulative impacts on the environment and usage of water should be brought out along with the EMP.

(iii) A Study area map of the core zone and 10km area of the buffer showing major industries/mines and other polluting sources, which shall also indicate the migratory corridors of fauna, if any and the areas where endangered fauna and plants of medicinal and economic importance are found

in the area. If there are any ecologically sensitive areas found within the 15km buffer zone, the shortest distance form the National Park/WL Sanctuary Tiger Reserve, etc should be shown and the comments of the Chief Wildlife Warden of the State Government should be furnoished.

(iv) Collection of one-season (non-monsoon) primary base-line data on environmental quality – air (SPM, RSPM, SOx and NOx), noise, water (surface and groundwater), soil.

(iv) Detailed water balance should be provided. The break up of water requirement as per different activities in the mining operations vis-à-vis washery should be given separately. Source of water for use in mine, sanction of the competent authority in the State Govt.. and examine if the unit can be zero discharge including recycling and reuse of the wastewater for other uses such as green belt, etc.

(vi) Impact of choice of the selected use of technology and impact on air quality and waste generation (emissions and effluents).

(vii) Impacts of mineral transportation - the entire sequence of mineral production, transportation, handling, transfer and storage of mineral and waste, if any, and their impacts on air quality should be shown in a flow chart with the specific points where fugitive emissions can arise and the specific pollution control/mitigative measures proposed to be put in place.

(viii) Details of various facilities to be provided for the personnel involved in mineral transportation in terms of parking, rest areas, canteen, and effluents/pollution load from these activities. Examine whether existing roads are adequate to take care of the additional load of mineral [and rejects] transportation, their impacts. Details of workshop, if any, and treatment of workshop effluents.

(ix) Impacts of CHP, if any on air and water quality. A flow chart of water use and whether the unit can be made a zero-discharge unit.

(x) Details of green belt development.

(xi) Including cost of EMP (capital and recurring) in the project cost.

(xiv) Public Hearing details of the coal washery to include details of notices issued in the newspaper, proceedings/minutes of public hearing, the points raised by the general public and commitments made in a tabular form. If the Public Hearing is in the regional language, an authenticated English Translation of the same should be provided.

(xv) Status of any litigations/ court cases filed/pending on the project.

(xvi) Submission of sample test analysis of:

I Characteristics of coal to be washed- this includes grade of coal and other characteristics – ash, S and and heavy metals including levels of Hg, As, Pb, Cr etc.

I. Characteristics and quantum of washed coal.

II. Characteristics and quantum of coal waste rejects.

(xvii) Management/disposal/Use of coal waste rejects

(xviii) Copies of MOU/Agreement with linkages (for stand alone washery) for the capacity for which EC has been sought.

(xix) Submission of sample test analysis of:

Characteristics of coal to be washed- this includes grade of coal and other characteristics – ash, S

The following general points should be noted:

(i) All documents should be properly indexed, page numbered.

(ii) Period/date of data collection should be clearly indicated.

(iii) Authenticated English translation of all material provided in Regional languages.

(iv) After the preparation of the draft EIA-EMP Report on the coal washery as per the aforesaid TOR, the proponent shall get the Public Hearing conducted as prescribed in the EIA Notification 2006 and take necessary action for obtaining environmental clearance under the provisions of the EIA Notification 2006.

(v) The details of the EIA-EMP Report should be summarised in the Mining Sector Questionnaire posted on the MOEF website with all sections duly filled in and furnished along with the EIA-EMP (Final) Report.

(vi) The copy of the letter received from the Ministry on the TOR prescribed for the project should be attached as an annexure to the final EIA-EMP Report.

(vii) The final EIA-EMP report submitted to the Ministry must incorporate the issues in TOR and that raised in Public Hearing. The index of the final EIA-EMP report, must indicate the specific chapter and page no. of the EIA-EMP Report where the specific TOR prescribed by Ministry and the issue raised in the P.H. have been incorporated.

Yours faithfully,

(Dr.T.Chandini)
Director

Copy to: Chairman, Chhattisgarh Environment Conservation Board, 1-Tilak Nagar, Shiv Mandir Chowk, Main Road, Avanti Vihar, RAIPUR-Chhattisgarh – 492001.