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बिहार राज्य प्रदूषण नियंत्रण पर्वद Bihar State Pollution Control Board

NOC under sections 25 & 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under section 21 of the Air (Prevention & Control of Pollution) Act, 1981.

Reference application no. 5095, dated 10.10.03 of Mr. Vijay Krishna Das, DGM - NP, NTPC, Eastern Region, Head Quarter, Loknayak Jai Prakash Bhawan, Dakhnuglow Road, Patna - 1 (on behalf of proposed Rail Bijlee Company, a joint venture Company to be formed by NTPC and Ministry of Railways) for establishment/ construction of coal based Nabinagar Thermal Power Plant (4x250)

2 After considering:

- (i) The fact stated in their application, Feasibility Report and Rapid EIA Report
- (ii) Bihar State Pollution Control Board's notification no. 26, dated 8.11.2003.
- (iii) Provisions of the Water & the Air Acts.
- (iv) Related Public hearing dated 5.4.04

3 NOC in favour of the site and the project stated above is hereby accorded subject to the following conditions:

- (i) The unit shall obtain consent to operate under sections 25 & 26 of the Water, Act, 1974 and section 21 of the Air Act, 1981, prior to commissioning of the plant from Pollution Control Board.
- (ii) The effluent (Domestic & Trade) and emission, if any shall conform to the standard prescribed by the Board.
- (iii) The height of exhaust pipe of the D.G. set shall be as prescribed by the C.P.C. Board and the noise level shall be within the prescribed limit.
- (iv) Minimum height of the proposed stack shall be 220 meter with porthole and platform in each stream as per norms of the C.P.C. B.)
- (v) Appropriate capacity of E.S.P. shall be provided to achieve standard prescribed by the Board i.e. 100 mg/Nm³
- (vi) Appropriate measures shall be taken to control fugitive dust emission within the plant including ash pond areas.

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 Begusarai - 841101 ☎ 08243-223297

Muzaffarpur : Sarai Syed Ali Road, Technical Chowk,
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Bihar State Pollution Control Board

- (vii) Trade effluent shall be suitably stored, treated and shall be recycled to the maximum extent.
- (viii) Analysis of the raw and treated effluent shall be carried out regularly and report shall be submitted to the Board monthly.
- (ix) The unit shall undertake Sone river water quality assessment for a stretch starting from intake point to 2 km. down stream of the proposed disposal point as well as ground water quality of adjoining villages and the report shall be submitted at least once a year.
- (x) The unit shall ensure complete neutralization of acidic effluent generated due to acid cleaning process.
- (xi) Ambient Air quality survey report in and around the plant including villages shall be carried out before and after commissioning of the plant and shall be submitted to the Board half yearly.
- (xii) The unit shall implement all the decisions taken in the Public Hearing conducted at Aurangabad on 5.4.04. In this context Annexure 'A' of the minutes of the meeting dated 5.4.04 may be referred.
- (xiii) Transportation of entire coal from Pachra and Pachra South block in North Karanpura area of Central Coal Fields Ltd. to the Unit shall be made through railway wagons.
- (xiv) The unit shall have a plan to meet the limits of SO₂ and NO_x, which are being developed in accordance with Charter on Corporate Responsibility for Environmental Protection of 13th March, 2003.
- (xv) The unit shall install opacity meter/ continuous monitoring system for SPM in the unit with proper calibration system. Further continuous monitoring system for SO₂ & NO_x shall also be installed.
- (xvi) The unit shall adopt dry fly ash collection or medium (35 - 40 %) ash slurry disposal system with hundred percent ash water re-circulation during lean period.
- (xvii) The unit shall obtain Environmental Clearance from MOEF, Govt. of India and shall submit the copy of the same to the Board.

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- (xviii) Compliance report of above conditions shall be submitted to the Board quarterly.
- (xix) Tree plantation shall be done in 100 m width all around the boundry and ash pond area.
- (xx) Any other condition as prescribed from time to time by Board.
- (xxi) Bihar State Pollution Control Board reserves the option to revise and add other conditions, if necessary, for protection of environment in general and for pollution control in particular.
- (xxii) The present NOC should not be construed as an assurance for granting consent to operate the proposed plant and is subject to compliance of all the conditions noted above.
- (xxiii) This NOC is valid for a period of 36 months from date of issue.

Sd/-
(I.S. SINGH)
Member-Secretary

Memo No. T-2130

Date 8.4.04

Copy forwarded to Mr. V.K. Das, DGM-NP M/s National Thermal Power Corporation, Eastern Region, Head Quarter, Loknaya Jai Prakash Bhawan, Dakbungalow Road, Patna-1 / Commissioner-cum- Secretary Environment and Forest, Govt. of Bihar /Regional Officer/Patna/ Sri J.K.P. Singh, incharge, computer section for information and necessary action.

(Signature)
(I.S. SINGH) 08/04/04
Member-Secretary

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