A.P. POLLUTION CONTROL BOARD
919
25/11/95
VISAKHAPATNAM

Registered post with ACK due

CONSENT ORDER FOR ESTABLISHMENT

Order.No.19/PCB/C.Estt./RO/VSP/AEE-VIII/95- 4433 Dt. .11.1995

Sub: M/s.Hinduja National Power Corporation Ltd., Visakhapatnam Dist - Consent for Establishment Under Sec.25 of Water (P & C of P) Act,1974 and Under Sec.21 of Air (P & C of P) Act, 1981 - Issued - Reg.

Ref: 1. NOC applied by APSEB vide Lr.No.SE(Plg)/410/cast TPS 2x500 MW/ 48/89, dt.3.3.89.

2. R.O's inspection report vide Lr.No.PCB/ROV/Tech/V-103/577/89, dt.31.8.89.

3. NOC of the Board issued to M/s APSEB vide Lr.No.190/PCB/1697/89-1678, Dt.16.3.90.

4. Lr.from M.S., APSEB addressed to this office for transfer of NOC in favour of HNPCL vide Lr.No.50/IPC/211/ F4(CLR)/D.No.520/95, dt.19.7.95.

5. Your Lr.No.HNPC/Clearance, dt.20.7.95

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I. In the reference 3rd cited, APPCB has issued NO OBJECTION CERTIFICATE (Consent for Establishment) to setup a coast based Thermal Power Plant- 1000 MW (2x500 MW) between Chipurupalle(V) and Visakhapatnam Steel Plant. In the reference 5th cited,you have forwarded the letter addressed by Member Secretary, A.P.S.E.B. requesting this office to transfer the NOC (Consent for Establishment) of the above project in favour of M/s Hinduja National Power Corporation Ltd. (M/s HNPCL).

II. The 2x500 MW coast based Thermal Power Plant is proposed to be located between Chipurupalle(V) and M/s Visakhapatnam Steel Plant [illegible] District.

III. In view of the above, the CONSENT FOR ESTABLISHMENT of A.P.Pollution Control Board issued for the above project in favour of APSEB vide reference 3rd cited is transferred to M/s Hinduja National Power Corporation Ltd. This order is issued to produce power as mentioned at Para (I).

IV. This order is issued from pollution control point of view only. Zoning and other regulations are not considered. The industry shall obtain necessary clearences from the concerned departments.

V. This Consent Order now issued is subject to the conditions mentioned in Schedule 'A'. These conditions are over and above the conditions stipulated in the reference 3rd cited.

FOR MEMBER SECRETARY

13-11-95

Encl: Schedule 'A'

To

M/s.Hinduja National Power Corporation Ltd.,(HNPCL)
Plot No.974, Road No.50,
Jubilee Hills,
Hyderabad - 500 033.

Copy to Executive Engineer (Env.Cell), Room No.408,
B Block, A.P.S.E.B., Vidyut Soudha,
Hyderabad - 49.

Copy to EE, RO, Visakhapatnam for information and neccessary action.

SCHEDULE-A

1. Trees shall be planted and maintained in the vacant spaces of the premises atleast in an area of 4 times the builtup area of the industry. Tree plantation shall be the first item to be taken up before starting construction. Area of plantation shall be such that it replenishes the amount of oxygen consumed by process operations and consequent release of pollutants into atmosphere.

2. The industry shall recycle the ash pond and D.M.plant effluents.

3. The industry shall treat the cooling waste waters to the marine coastal standards and the domestic waste waters to the onland for irrigation standards stipulated under Environmental (Protection) Rules,1986 as amended upto date, notified under Environment (Protection) Act, 1986 by Ministry of Environment and Forest, Govt. of India.

4. The run-off water from coal yard shall be treated to onland for irrigation standards before final disposal.

5. The industry shall discharge the cooling water into sea through a suitable drain/sub-marine pipeline.

6. The industry shall treat the domestic effluents by adopting suitable technologies such as oxidation ponds, aerated lagoons etc., and discharge the treated effluents on land for the irrigation/gardening.

7. The cooling water used in the once through system if treated with Biocide will effect the Biota of the sea and fishing also,in the proximity of the discharge point. It should be controlled by properly designed outfall into the sea.

8. The temperature rise shall be minimal at the cooling water discharge point and shall meet the standards prescribed under E(P)Act.

9. The industry shall either procure washed coal or set up a coal washery for the thermal power plant.

10. The industry shall install appropriate control equipment to control the stack emissions to meet the following emission standards:

    1. Particulate matter - 115 mg/NM^3

31. The generator shall be installed in a closed area with a silencer and suitable noise absorption system so as to comply the following noise level standards.

75 dB(A) at a distance of 5 M from source.

32. The industry shall install minimum stack height to the D.G.Set as per C.P.C.B. guidelines. The minimum height of stack shall be calculated based on the following formula.

$$H = h + 0.2 \sqrt{KVA}$$

H = height of stack in mts.
h = height of the building in mts.,where the DG set is installed.
KVA = Total Generator capacity in KVA

33. All the rules and regulations notified by Ministry of Environment and Forests, Government of India in respect of Manufacture, Storage and Import of Hazardous chemicals promulgated under Environment (Protection) Act., 1986 shall be followed.

34. All the rules and regulations notified by Ministry of Environment and Forests, Government of India in respect of Management and Handling of hazardous wastes promulgated under Environment (Protection) Act., 1986 shall be followed.

35. All the rules and regulations notified by Ministry of Law and Justice, Government of India, regarding the Public Liability Insurance Act., 1991 shall be followed.

36. The industries shall establish an Environmental Cell, headed by an Environmental Engineer, for Environmental Management in the industry.

37. The industry shall appoint an Horticulturist for looking after tree plantation work and further maintainance.

38. The industry is liable to pay compensation for any environmental damage caused by it, as fixed by Collector and District Magistrate, as civil liability.

39. If at any time during inspection of Pollution Control Board officers or officials of licensing/servicing departments if it is found that the industry is not complying with any of the above conditions, this NOC is liable for cancellation without notice and all the services rendered and licence issued shall be liable for cancellation without further notice.

40. The industry shall report progress on implementation of the project to this office, Regional Office, A.P.Pollution Control Board, VISAKHAPATNAM regularly.

41. The applicant shall obtain consent for trial production before the industry goes into trial production.

42. The applicant shall obtain consents for operation regularly from APPCB, as required under section 25/26 of the Water (Prevention and Control of Pollution) Act, 1974 and under Section 21/22 of the Air (Prevention and Control of Pollution) Act, 1981, for operation of the industry, before starting commercial production.

43. The applicant shall comply with and carry out conditions issued by the Board in this consent order scruplously. The applicant is liable for legal action as per the provisions of the relevent Acts in case of non-compliance of any conditions of the consent order.

44. Notwithstanding anything contained in this conditional letter or consent, the Board hereby reserve its right and power Under Sec.27(2) of Water (Prevention and Control of Pollution) Act, 1974 and Under Sec.21(4) of Air (Prevention and Control of Pollution) Act, 1981 to review any or all the conditions imposed herein and to make such alternation as deemed fit and stipulate any additional conditions for the purpose of the Act by the Board.

45. The applicant shall exhibit the consent of the Board in the factory premises at a conspicuous place for the information of the inspecting officers of different departments.

for MEMBER SECRETARY.

KK 13/1/95