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IPC-II/TPP/CP-11/76/2022/

February 28, 2023

Minutes of the 2nd (joint) meeting of the two committees - the Committee for monitoring the implementation of provisions of the Ash Notification 31.12.2021 - Para E(3), and the Committee for identification of mines for backfilling of mine voids with ash or mixing of ash with overburden dump - Para B(5)(i), held on 18/02/2023 at 11.00 AM

Sir,

Minutes of the 2nd (joint) meeting of the two committees – the Committee for monitoring the implementation of provisions of the Ash Notification 31.12.2021 - Para E(3), and the Committee for identification of mines for backfilling of mine voids with ash or mixing of ash with overburden dump - Para B(5)(i), held under the chairmanship of Shri Tanmay Kumar, Chairman, CPCB on 18.02.2023 at 11.00 AM through video conference, are enclosed for information and necessary action.

Yours faithfully,

Nazimuddin
28/2/2023

[Nazimuddin]

Sc. F & DH-IPC-II

To,

Members of the Committees
(As per the lists enclosed)

Copy to:

Chairman of the Committee	:	for information.
Member Secretary, CPCB	:	for information.
Other participants of the meeting (as per the list enclosed)	:	for information / necessary action.

**Members of the Committee for monitoring the implementation of provisions of the Notification
No. 5481(E) dated 31.12.2021 (Para E(3))**

1. Shri N. Subrahmanyam, Sc.-D (HSM Division),
Ministry of Environment, Forest and Climate Change,
Indira Paryavaran Bhawan, Jor Bagh Road,
Aliganj, **New Delhi - 110 003**
2. Shri Satish Kumar,
Director (Thermal),
Ministry of Power,
Shram Shakti Bhawan, Rafi Marg, **New Delhi**
3. Shri Anandji Prasad - Advisor (Project)
Ministry of Coal,
Room No. 303-B, Shastri Bhawan,
Dr. Rajendra Prasad Road, **New Delhi – 110 001**
4. Shri B. Veera Reddy - Director (Technical)
(Second representative of Ministry of Coal),
Coal India Limited,
Coal Bhawan, Premise No. 04 Mar,
Plot No. AF-III, Action Area-1A,
New Town, Rajarhat, **Kolkata – 700 156**
5. Shri P.N. Sharma, Chief Controller of Mines,
(Representative of Ministry of Mines),
Indian Bureau of Mines,
Indira Bhawan, Civil Lines,
Nagpur – 440 001, Maharashtra
6. Shri Paresh Kumar Goel - Director Transport),
Ministry of Road Transport & Highways,
Transport Bhawan, 1, Parliament Street,
New Delhi – 110 001
7. Shri Rama Kant Singh, Director,
(Representative of Department of Heavy Industry),
Ministry of Heavy Industries,
Room No. 172-D, Udyog Bhawan,
New Delhi-110011

Members of the Committee for identification of mines for backfilling of mine voids with ash or mixing of ash with overburden dump, as per the Notification No. 5481(E) dated 31.12.2021

1. Shri Munna Kumar Shah, Sc.-D (IA Division),
Ministry of Environment, Forest and Climate Change,
Indira Paryavaran Bhawan, Jor Bagh Road,
Aliganj, New Delhi - 110 003
2. Shri Satish Kumar,
Director (Thermal),
Ministry of Power,
Shram Shakti Bhawan, Rafi Marg, New Delhi
3. Shri Anandji Prasad - Advisor (Project)
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Coal Bhawan, Premise No. 04 Mar,
Plot No. AF-III, Action Area-1A,
New Town, Rajarhat, Kolkata – 700 156
5. Shri P.N. Sharma, Chief Controller of Mines,
(Common representative of Ministry of Mines and IBM),
Indian Bureau of Mines,
Indira Bhawan, Civil Lines,
Nagpur – 440 001, Maharashtra
6. Shri Mohammed Niyazi, Director - Mine Safety (S&T),
Director General of Mine Safety,
DGMS Head Office, Sardar Patel Nagar,
Dhanbad – 826 001, Jharkhand

Minutes of the 2nd (joint) meeting of the two committees– the Committee for monitoring the implementation of provisions of the Ash Notification 31.12.2021 - Para E(3), and the Committee for identification of mines for backfilling of mine voids with ash or mixing of ash with overburden dump - Para B(5)(i), held on 18.02.2023 at 11.00 AM

The 2nd (joint) meeting of the two committees - the Committee for monitoring the implementation of provisions of the Ash Notification 31.12.2021 - Para E(3), and the Committee for identification of mines for backfilling of mine voids with ash or mixing of ash with overburden dump - Para B(5)(i), was held on 18.02.2023 at 11.00 AM. The meeting was chaired by Chairman of the Committees / Chairman CPCB Shri Tanmay Kumar. List of participants is attached. Committees' members from MoP, MoM, IBM, DGMS, MoRTH, and DHI were not present in the meeting and the Chairman asked that their organizations may be apprised about the same.

Representatives of CPCB made a presentation before the Committee about the important actions taken and being taken on the decisions of the 1st meetings of the two committees held on 11.06.2022 and 01.08.2022 respectively and the important points related to ash disposal in un-operational and operational mines, as below:

A. Important actions completed:

1. Ash portal as per Ash Notification 31.12.2021 developed and opened on 17.11.2022 for data entry by NTPC plants and in 19.12.2022 for data entry by other plants
2. MoEF&CC issued amendment notification dated 30.12.2022
3. List of available mines for ash disposal (32 coal & 82 non-coal) placed on web page - "Fly Ash Management and Utilization" created on 13.12.2022
4. List of certified auditors for compliance audit of ash utilization finalised

B. Important actions being taken:

5. Action is being taken – i) for adding reports formats in the new ash portal as were suggested by CPCB on 09.09.2022, 11.09.2022 and 15.09.2022, and ii) for minor changes in new ash portal as per CPCB's comments dated 25.01.2023 on CEA's proposal for in reference to Para 9(iii) of MoM of Secretary (Power) dated 23.12.2022 (**NTPC**)
6. The guidelines for ash ponds/dykes and their annual certification have been prepared by CEA in consultation with CPCB after considering comments / suggestions of stakeholders. Further, the guidelines have been modified slightly in view of amendment ash notification 30.12.2022 and submitted for concurrence of MoP (**CEA, MoP**)

C. Actions points related to ash disposal in un-operational and operational mines:

7. Mapping and allocation of available (22+10) coal mines to power plants (**MoC**)
8. Any requests for allocation of available non-coal mines (**MoP**)
9. Mines specific studies for disposal of ash in operational mines with OB and amendment in closure plans (**MoC**)
10. Suggestions to simplify the procedure of allowing ash disposal in mines and to facilitate ash disposal in operational mines with OB (**MoC** and **MoM**),
11. Lists of available mines for ash disposal to be updated every quarter (**MoC** and **MoM**)
12. Prevention of ash pond/dykes breaches through proper inspection & maintenance, designating officers responsible for any accident, supervision at senior level and annual safety certification (**Power Plants**)

After deliberations on above points the following decisions were taken:

1. NTPC shall complete the work related to report formats and incorporate changes as proposed by CEA and CPCB by 28th February 2023 (**NTPC**)
2. CEA informed that the guidelines on ash ponds are likely to be approved within a week (**CEA**)
3. The ash portal shall be improved by adding GIS features to view power plant and its ash ponds, alert generation features to ensure information submission within time limit (**NTPC**)
4. MoC shall provide updated allocation status and actual status of 32 identified mines to CPCB within a week so that status may be updated on CPCB website (**MoC, CPCB**)
5. MoC shall convene meeting of the Central Level Working Group by 28th Feb to discuss criteria for allocation of coal mines. MoM may also be invited to the meeting. (**MoC**)
6. MoP may send any request of power plants for allocation for non-coal mine for ash disposal to CPCB so that the same may be forwarded to the District Level Working Group (**MoP**)
7. CEA shall provide inputs to MoC for GIS mapping of available coal mines and power plants (**CEA**)
8. MoC shall provide the list of coal mines or mine pits within coal mines likely to be available for ash disposal in near future (**MoC**)
9. On receipt of a request from power plant regarding ash disposal in an operational coal mine the coal mine concerned shall undertake feasibility study for this purpose (**MoC**)

The joint meeting was convened to also review the status of implementation of ash notification in Singrauli-Sonebhadra region in view of deliberations in the 2nd meeting of the Fly Ash Management and Utilisation Mission for the area constituted by the order dated 18.02.2022 of NGT-PB in O.A. No. 164 of 2018. The inspection reports of thermal power plants and coal mines in Singrauli-Sonebhadra region carried out during 2nd week of February 2023 to verify the compliance status were presented before the Committees.

After deliberations on the inspection reports the following decisions were taken:

1. The inspection reports of thermal power plants and coal mines shall be forwarded to SPCBs for necessary action in respect of the violations observed, with copy to MoEF&CC by 28th Feb 2023. The reports will be shared with concerned thermal power plants and coal mines. (**CPCB**)
2. Summary reports regarding violations related to EC conditions by coal mines will be provided to MoEF&CC by 28th Feb 2023 (**CPCB**)
3. Thermal power plants in Singrauli-Sonebhadra region shall submit action plans for ash utilisation to CPCB and SPCBs (**Power Plants**)
4. In reference to the disposal of ash by Anpara (Anpara and Lanco Anpara) and Obra plants into the reservoir and the river respectively observed in the recent inspections as well in a number of past inspections, concerned units shall be held responsible for violations and disposal of ash into the reservoir and the river and action shall be taken by SPCB. SPCB shall ensure that siltation assessment and apportionment study, which was to be coordinated by U.P. Irrigation Department, is completed at the earliest, based on which de-silting activity may be undertaken at the cost of violators as directed by NGT-PB (**UPPCB, MPPCB**)
5. The ash utilisation status of all thermal power plants in the country in the form of balance sheet shall be analysed and projection made about the likelihood of the thermal power plants meeting the target of 100% utilisation based on their current levels of utilisation, and based on such an analysis carried out by CPCB team, a report be prepared to bring out the gap in utilisation and the need for drawing up an action plan and the report shared with MoEF&CC by 1st week of March 2023. Ranking and colour coding of the power plants according to utilisation status may be done. The status shall also be uploaded on web page.

The meeting ended with a vote of thank to the chair.

List of participants of the 2nd (joint) meeting of the two committees– the Committee for monitoring the implementation of provisions of the Ash Notification 31.12.2021 - Para E(3), and the Committee for identification of mines for backfilling of mine voids with ash or mixing of ash with overburden dump - Para B(5)(i)

Sl. No.	Name of Participants and Organization	Email I'd
1.	Shri Tanmay Kumar, IAS, Chairman, Central Pollution Control Board	ccb.cpcb@nic.in
2.	Shri N. Subrahmanyam, Sc.-D (HSM Division), Ministry of Environment, Forest and Climate Change (Not participated in the meeting)	n.subrahmanyam@gov.in
3.	Shri Munna Kumar Shah, Sc.-D (IA Division), Ministry of Environment, Forest and Climate Change	munna.shah@gov.in
4.	Shri Satish Kumar, Director (Thermal), Ministry of Power (Not participated in the meeting)	satish.kumar.74@gov.in
5.	Shri Anandji Prasad - Advisor (Project) Ministry of Coal	advp.moc@nic.in
6.	Shri B. Veera Reddy - Director (Technical) (Representative of Ministry of Coal), Coal India Limited (Not participated in the meeting)	dt.cil@coalindia.in
7.	Shri P.N. Sharma, Chief Controller of Mines, (Common representative of Ministry of Mines and IBM), Indian Bureau of Mines (Not participated in the meeting)	ccom@ibm.gov.in, dheeraj.kumar83@gov.in
8.	Shri Paresh Kumar Goel - Director Transport), Ministry of Road Transport & Highways (Not participated in the meeting)	paresh.goel89@gov.in
9.	Shri Rama Kant Singh, Director, (Representative of Department of Heavy Industry) Ministry of Heavy Industries (Not participated in the meeting)	singh.ramakant59@gov.in
10.	Shri Mohammed Niyazi, Director - Mine Safety (S&T), Director General of Mine Safety (Not participated in the meeting)	mniyazi@dgms.gov.in

1.	Shri Akshay Bapat, Executive Director (Environment), Coal India Limited	dt.cil@coalindia.in
2.	Shri Gulshan Raj, Chief Engineer, CD Division, Central Electricity Authority , Ministry of Power	tcdcea@nic.in, gulshanraj-cwc@nic.in
3.	Shri Venkat Ramana Reddy, Executive Director (Safety), Shri Santosh Kumar Takhele, Chief GM (EMG, AU & SD), and other representatives of NTPC Limited	edssea@ntpc.co.in, sktakhele@ntpc.co.in
4.	Representatives of Uttar Pradesh Pollution Control Board	ms@uppcb.com
5.	Representative of Madhya Pradesh Pollution Control Board	ms-mppcb@mp.gov.in
6.	Shri Sanjeev Kumar, GM (Environment), and other representatives Northern Coalfields Limited	gmenv.ncl@coalindia.in
7.	Shri Nazimuddin, Sc. 'F' & DH-IPC-II, Central Pollution Control Board	nazim.cpcb@nic.in

8.	Shri Rajendra Dattatray Patil, Sc. 'D', RD-Lucknow Central Pollution Control Board	patil.cpcb@nic.in
9.	Shri Sunil Kumar Meena, Sc. 'D', RD-Bhopal, Central Pollution Control Board	sunil.cpcb@gov.in
10.	Shri Gaurav Gehlot, Sc. 'C', IPC-II, Central Pollution Control Board	gehlot.cpcb@nic.in
11.	Shri Durga Nand Jha, SRF, IPC-II, Central Pollution Control Board	durganand.cpcb@nic.in
12.	Representatives of Northern Coalfields Limited Mines	-
13.	Representatives of NTPC TPPs (Vindhyachal STPS, Rihand STPS, Singrauli STPS), UPRVUNL TPPs (Anpara TPS, Obra TPS), Lanco Anpara 'C' TPS, Reliance Power Sasan UMPP, Adani Power Mahan Energen TPP, J.P. Power Ventures Nigrie STPP	-