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FORM – A
PROPOSALS FOR APPROVAL UNDER FOREST (CONSERVATION) ACT'1980
PART-II

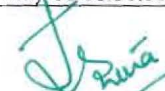
(To be filled by the Deputy Conservator of Forests)

State Serial No. of Proposal 02/2016

7.	Location of the Project/Scheme	:	Atomic Minerals Directorate for Exploration and Research Department of Atomic Energy Project, survey exploration of Uranium over 7 sq kms in Narayanpur areas of WLM Division, Nagarjunasagar
(i)	State/ Union Territory	:	Telangana
(ii)	District	:	Nalgonda
(iii)	Forest Division	:	Nagarjunasagar, Wildlife Management Division
(iv)	Area of Forest land Proposed for diversion (in Ha)	:	7 Sq.Km (700Ha)
(v)	Legal Status of forest	:	Reserved Forest u/s.15 of Andhra Pradesh Forest Act,1967
(vi)	Density of vegetation	:	As per Champion and Sk.Seth classification, classified under 6A/C1/DS1 – Southern thorn shrub with density 0.1 to 0.3
(vii)	Species-wise (scientific names) and diameter class-wise enumeration of trees (to be enclosed,. In case of irrigation/hydel projects enumeration at FRL., FRL-2 meter & FRL-4 meter also to be enclosed)	:	The Vegetation comprises of shrubs and trees of small medium size Jana, Billudu, Yepi, Rella, Tangedu, Neelamarri, Nemalinava, Narling, etc are found in shrubby form. About 1200 shrubs per Ha is the average density of the forests.
(viii)	Brief note on vulnerability of the forest area to erosion.	:	The slopes are about 40 to 45 and if any area is deforested, soil erosion will occur.
(ix)	Approximate distance of proposed site for diversion from boundary of forest	:	The Forest area proposed for diversion is within the reserve forest and 1 Km from Reserve Forest boundary.
(x)	Whether forms part of National Park, Wildlife Sanctuary, biosphere reserve, tiger reserve, elephant corridor, etc. (If so, the details of the area and comments of the Chief Wildlife Warden to be annexed).	:	The proposed area of 700 Ha falls within the Eco-sensitive zone of the Amrabad Tiger Reserve (ATR)
(xi)	Whether any rare/endangered/unique species of flora and fauna found in the area – if so details there of.	:	Note on Flora and Fauna is enclosed.

(xii)	Whether any protected archaeological / heritage site/defence establishment or any other important mounment is located in the area – If so, details there of with NOC from competent authority.	:	No
8	Whether the requirement of forestland as proposed by the user agency in col.2 of Part-I is unavoidable and barest minimum for the project. If no, recommended area item-wise with details of alternatives examined.	:	The user agency states that the forest area is unavoidable. As per the information of user agency, uranium bearing minerals is located within this forest area only. The user agency has not proposed any alternatives.
9	Whether any work in violation of the Act has been carried out (Yes/No). If yes, details of the same including period of work done, action taken on erring officials, whether work in violation is still in progress	:	No
10	Details of compensatory afforestation scheme	:	
(a)	Details of non-forest area/degraded forest area identified for compensatory afforestation, its distance from adjoining forest, umber of patches, size of each patch.	:	No alternate C.A.land is identified.
(b)	Map showing non-forest/degraded forest area identified for compensatory afforestation and adjoining forest boundaries.	:	Not applicable.
(c)	Detailed compensatory afforestation scheme including species to be planted, implementing agency, time schedule, cost structure, etc.	:	Not applicable.
	Implementing Agency	:	
	Time Schedule	:	
	Cost structure	:	
(d)	Total financial outlay for compensatory afforestation scheme	:	The Department of Atomic Energy agrees to pay the compensation whatever amount as demand by Forest authority towards present proposals of 7 Sq.Km.
(e)	Certificates from competent authority regarding suitability of area identified for compensatory afforestation and from management point of view. (To be signed by the concerned Deputy Conservator of Forests)	:	No. C.A.area is identified by the user agency. Hence not applicable.
11.	Site inspection report of the DCF (to be	:	Enclosed.

	enclosed) especially highlighting facts asked in Co.7 (xi,xii) 8 and 9 above.	
12	Division Profile	:
(i)	Geographical area of the Division	: 140556 Ha
(ii)	Forest area of the Division	: 41597.59 Ha
(iii)	Total forest area diverted since 1980 with number of cases	: 20.76 Ha (2 cases) 1.Erection of 400KV transmission line from Hyd to N.Sagar. 2. Construction of Tail Pond Dam.
(iv)	Total compensatory afforestation stipulated in the district / division since 1980 on (a) Forest land including penal compensatory afforestation (b) Non-Forest land	: Forest land – 0.76 Ha Non Forest land – 346.649 Ha was developed in eight cases in the division viz. 1.Madras Cements Ltd - 61.72 Ha 2.Navabharat Ferro Alloys - 5.46 Ha 3.M/s Deccan Cements - 2.00 Ha 4.M/s Deccan Cements - 30.04 Ha 5.M/s.Deccan Cements - 6.639 ha 6.M/s.Deccan Cements - 2.60 ha 7.M/s.Deccan Cements - 3.80 ha 8.M/s.Deccan Cemets - 9.39 ha 9.Thermal Power - 225.00 ha Total:- 346.649 Ha
(v)	Progress of compensatory afforestation as on (date) 01.06.2016	:
a)	Forest Land	: Nil
b)	Non-forest land	: 29.889 Ha. 1.Navabharat Ferro Alloys - 5.46 Ha 2.M/s Deccan Cements - 2.00 Ha 3.M/s.Deccan Cements - 6.639 ha 4.M/s.Deccan Cements - 2.60 ha 5.M/s.Deccan Cements - 3.80 ha 6.M/s.Deccan Cemets - 9.39 ha Total:- 29.889Ha
13	Specific recommendations of the DCF for acceptance or otherwise of the proposal with reasons.	: The present proposal for 700 Ha in 2 Location is in the tiger Sanctuary area this area is rich in bio-diversity and as it is core area more Schedule-I species are present. The flora and fauna will be adversely effected and lot of disturbance caused for wildlife if exploration take place. Exploration also leads to movement of vehicles and people which causes disturbance to wildlife. This investigation and exploration is hazardous to the Wildlife and Forest wealth in the sanctuary. In view of above the permission to the block 3 & 4 in proposed Nidgul Reserve Forests, Nagarjunasagar Division, Amrabad Tiger Reserve is not recommended alternate area may be selected for the National interest.

Signature: 
Name: **Divisional Forest Officer**
Official seal: **Wild Life Management**
Nagarjuna Sagar-508 202

Date:
Place:

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PART-II

(To be filled by the concerned Divisional Forest Officer)

State Serial No. of proposal _____

7. Location of the Project / Scheme:

- i. State / Union Territory : Telangana
- ii. District : Mahaboobnagar
- iii. Forest Division : Achampet Wildlife Division
- a) Forest Range : Amrabad
- b) Forest Block : Amrabad
- c) Compartment Nos : **For Block – 1 (Amrabad) :**
229, 230, 239, 241, 242, 243, 240 & 244.
For Block -2 (Udimilla) :
81, 144, 156, 157, 158, 159 & 164.
- iv. Area of Forest land proposed for Diversion (in Ha.) : For Block- 1(Amrabad) : 38 SqKm (3800 Ha)
For Block -2 (Udimilla) : 38 SqKm (3800 Ha)
- v. Legal status of forest : Amrabad Reserve Forest was notified U/s 15 vide GOMs No 1065 dated 16th Aban, 1354 fasli and Total area of the Forest Block 197846.00 Ha. It was later declared as a Nagarjunasagar Srisaillam Wildlife Sanctuary U/s 18 of Wildlife (Protection) Act 1972 vide GOMs No 485 Forests and Rural Development (For III) Department dated 5th July 1978). Subsequently this Sanctuary was notified as Nagarjunasagar Srisaillam Tiger Reserve (NSTR) in G.O.Ms 66 dt 25/2/1983. Subsequently erstwhile part of Nagarjunasagar Srisaillam Tiger Reserve (NSTR) as "Amrabad Tiger Reserve" - Notified under section - 38 (V) of Wildlife (Protection) Act, 1972 vide GOMS No 3 dated 6/2/2015
- vi. Density of vegetation : The Forest type is Southern Tropical Mixed Deciduous Forest with rich diversity of plant and animal life.
Canopy density ranges from 0.10 to 0.40.
The Terrain is hilly and highly Undulating
- vii. Species-wise (scientific names) and diameter class-wise enumeration of trees (to be enclosed. In case of irrigation / hydel projects enumeration at FRL, FRL-2 meter & FRL-4 meter also to be enclosed). : **Species wise with botanical names:**
Chloroxylon swietenia (Billudu), Gymosponia spinose (Danthe), Premna tomentosa (Nagur), Albizia amara (Narlinga), Holoptelea integrifolia (Nemalinara), Wrightia tinctoria (Palakodisha), Sapindus emergineta (Reeta) Accasia Sandra (Sandra), Disospyros melanoxylon (Thuniki), Butea monosperma (Moduga), Pongamia pinnata (Kanuga), Butea monosperma (Moduga), Cassia Fistula (Rela), Sterculia urens (Tapsi),

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Givotia moluccanna (Tellapoliki), *Aleurites moluccanus* (Uduga), *Azadirachta indica* (Veepa), *Ficus mollis* (Juvvi), *Premna tomentosa* (Nagur), *Calotropis gigantean* (Jilledu)

- viii. Brief note on vulnerability of the forest area to erosion. : The area proposed for investigation is 76 Sq Kms in two blocks of 38 sq kms each. The terrain is hilly and undulating, with steep slopes. Consequently, the area is prone to erosion. Presence of dense ground cover and grass with middle layer of shrubs and top layer of trees is essential to control soil erosion.
- ix. Approximate distance of proposed site for diversion from boundary of forest. : The Block – I Amrabad is located at a distance 0 kms. from the nearest RF boundary. The Block –II Udimilla is located at a distance of 0 kms from the nearest RF boundary.
- x. Whether forms part of National Park, wildlife sanctuary, biosphere reserve, tiger reserve, elephant corridor, etc. (If so, the details of the area and comments of the Chief Wildlife Warden to be annexed). : Yes, the proposed area for survey and investigation for presence of Uranium is part of Amrabad Tiger Reserve notified u/s 38 V of Wildlife (Protection) Act, 1972. This Tiger Reserve spreads over an area of 2611. 23 sq. kms.
- xi. Whether any rare/endangered/unique species of flora and fauna found in the area if so details thereof. : This area falls Amrabad Tiger Reserve for and is good habitat for endangered carnivorous species like Tiger – (*Panthera tigris*), Panther (*Panthera pardus*), Sloth bear (*Melursus ursinus*), Wild dog (*Cuon alpines*), Jungle cats (*Felis chaus*), and Foxes (*Vulpes vulpes*) and Herbivorous animals like Neelgai (*Boselaphus tragocamelus*), Spotted Deer (*Axis axis*), Sambar (*Cervus unicolor*) and Chousingha (*Tetracerus quadricornis*) etc.,
- xii. Whether any protected archaeological/ heritage site/defence establishment or any other important monument is located in the area. If so, the details thereof with NOC from competent authority, if required. : -No-
8. Whether the requirement of forest land as proposed by the user agency in col.2 of Part-I is unavoidable and barest minimum for the project. If no, recommended area item-wise with details of alternatives examined. : Yes.

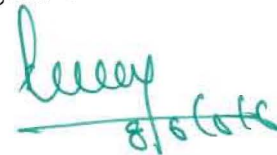
- 9 Whether any work in violation of the Act : -No-
has been carried out (Yes/No). If yes,
details of the same including period of
work done, action taken on erring officials.
Whether work in violation is still in
progress.
10. **Details of compensatory afforestation** : No CA identified by the User Agency and the
scheme: proposal of the User Agency is not as in the
Format of Part-I.
- i. Details of non-forest area/degraded forest : -No-
area identified for compensatory
afforestation, its distance from adjoining
forest, number of patches, size of each
patch.
- ii. Map Showing non-Forest/degraded forest : --
area identified for compensatory
afforestation and adjoining forest
boundaries.
- iii. Detailed compensatory afforestation : --
scheme including species to be planted,
implementing agency, time schedule, cost
structure, etc.
- iv. Total financial outlay for compensatory : --
afforestation scheme.
- v. Certificates from competent authority : --
regarding suitability of area identified for
compensatory afforestation and from
management point of view. (To be signed
by the concerned Deputy Conservator of
Forests)
11. Site inspection report of the DCF (to be : Field inspection report of the Divisional
enclosed) especially highlighting facts Forest Officer is appended.
asked in col.7 (xi, xii), 8 and 9 above.
12. **Division/District profile**
- i. Geographical area of the district. : 514736.00 Ha
- ii. Forest area of the district : 248749.55 Ha (175000 Ha)
- iii. Total forest area diverted since 1980 : i) 2.68 Ha (Irrigation Project in Kollapur Range)
with number of cases. ii) 10.00 Ha (Mining project in Kollapur Range)
iii) 4.80 Ha (Mining project in Kollapur Range)
iv) 4.80 Ha (Mining project in Kollapur Range)
v) 441.00 Ha (NH Road – Mannanur Range)
Total : 463.28 Ha

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- vi. Total compensatory afforestation stipulated in the district / Division since 1980 on (a) forest land including penal compensatory afforestation. (b) Non forest land
- a) Forest land : 2.48 Ha
b) Non Forest land : 463.28 Ha
(Forest land for diversion)
- v. Progress of compensatory afforestation as on (date) 3.2.2004.
- (a) Forest land : --
(b) non -forest land : 463.28 Ha
13. Specific recommendations of the DCF for acceptance or other wise of the proposal with reasons.
- Diversion of 76 Sq Kms proposed by Atomic Minerals Directorate for Exploration and Research to carry out survey and exploratory drilling, followed by evaluation drilling, around Amrabad, Udimilla is aimed at establishing the presence of Uranium deposits. As per the user agency proposals and project details the proposed explanatory drilling programme would not cause any significant harm to the wild life and its habitat. It is stated that the exploration involves no felling of trees or habitat destruction. It is only for exploration and identification of Ore Reserves of Uranium oxides. Hence, this proposal is recommended subject to following conditions:
- i) Only existing Cart tracks, Roads, Foot Paths in the Forest Area shall be utilized for movement of men and machinery.
 - ii) There shall be no felling of trees or lopping of branches.
 - iii) The clearance of bush growth etc., shall be kept to bare minimum
 - iv) All activities shall be confined to day time and no work shall be taken up after sunset.
 - v) The concerned field staff shall invariably accompany the team from User Agency during investigation.

Date : 8-6-2016
Place: Achampet

Signature :



Name : P. BALASWAMY,
Divisional Forest Officer,
Achampet.

Office Seal : 