



NO: KAPS/TS/2012/S/53

6th October, 2012

Sub: **Report on Public Awareness Programme at Mandavi
High School, Mandavi**

NPCIL, Kakrapar Gujarat Site participated in Surat District level Science Exhibition and put up an exhibition Stall at Mandavi High School, Mandavi (located at 30 Kms from Kakrapar Gujarat Site from 25/09/12 to 26/09/12 as part of the public awareness programme. The exhibition was part of state wide science exhibitions for the selection of entries for state level science exhibition. **More than 5000 persons from Teaching & Student community from 138 primary schools in Surat district visited NPCIL stall.**

The exhibition was inaugurated by the President, Taluka Panchayat, Mandavi. District education officer, Surat and other officials from education department and school teachers were present on the occasion. During his inaugural speech, The President Taluka Panchayat, Mandavi underlined the need for innovation and scientific thinking in students.

NPCIL officials were given due reception and were warmly welcomed on the dias. The exhibition coordinator expressed his gratitude to Site Director, NPCIL Kakrapar Gujarat Site for approving NPCIL participation in the exhibition and thereby benefiting students and teachers.

The President Taluka Panchayat, Mandavi, District education officer, Surat and other officials from education department and school teachers visited NPCIL stall after inaugural function. They were explained about the process of nuclear power generation and the safety measures adopted in design and operation of NPPs. There was a query regarding tritium activity found in drinking water cooler in KGS, which was suitably addressed by NPCIL officials.

NPCIL exhibits included display panels depicting various facets of nuclear energy, schematic diagram, reactor building model, gama-ray tracer etc. A cartoon film in Gujarati namely "Ek hato Mansukh" was screened to allay public apprehensions about nuclear energy. Students and teachers took keen interest in NPCIL exhibits. They were surprised to know the fact that there are so many natural sources of radiation all around and were appreciative of the fact that Radiation is a fact of life and radiation dose, if any to public living in nearby areas of Nuclear Power Plants is nothing as compared to radiation dose received by individuals from natural sources. Gamma ray tracer was used to demonstrate that even building material like glazed tiles, Petromax lamp filaments emit gamma radiation.

A detailed discussion & presentation session with teachers was held in the first day afternoon. Teachers took keen interest in learning from the presentation by NPCIL officials and asked several questions regarding radiation hazard from NPPs and waste disposal. Their misconception regarding the quantum and type of waste generated after burning of fuel, just like in thermal power plant' was suitably addressed. Queries regarding hazards from possible earth quake and floods and protective & remedial measures for the same were comprehensively addressed to their satisfaction.

KAPS officials explained the process of generation of electricity in nuclear plants, generation and disposal of nuclear waste and facts about radiation to the satisfaction of all the visitors including teachers and students. The response of students and teachers was excellent and there were many requests for plant visit and they were informed of the procedure to visit our plants. Booklets in Gujarati viz. Nuclear Power Generation, "Ek Hato Mansukh"-Part 1&2 were also distributed to the students & Teachers.

The exhibition was organised by S/Shri R K Dubey, K D Joshi, S S Wagh, A K Jain, Y J Prajapati and Shailesh Nikam from NPCIL, Kakrapar Gujarat Site under the guidance of Training Superintendent.

KAPS officials took part in the concluding session of the exhibition and distributed the participation certificates and mementoes to the participants. During the concluding session, Shri R K Dubey, SO/F spelt out the need for nuclear energy, its cost effectiveness and environmental friendliness. He thanked the organizers for giving the opportunity to participate in the exhibition and invited teachers and students for a visit to the plant.

An amount of Rs.5000/- (Rupees five thousand only) was spent by NPCIL, Kakrapar Gujarat site for issuing mementoes to the students who participated in the exhibition with their science projects. The organizers expressed their gratitude to Site Director for NPCIL participation in the programme and encouragement to the students by distributing mementoes students.


(D.Rajendran) 11/01/12

Training Superintendent &
Chairman,
Committee for Public Awareness Programme


06.10.12

Site Director, Kakrapar Gujarat Site

Distribution:

NPCIL HQ

1. CMD Office
2. Director (O), NPCIL, Mumbai
3. ED (O)-PHWR
4. ED (CP & CC)

KAKRAPAR SITE

1. Project Director, KAPP-3&4
2. CS / All Superintendents
3. AGM (HR)
4. Members, CPAP



YOUNG MINDS KEEN TO KNOW ABOUT NUCLEAR ENERGY



TEACHERS ASKING PENETRATING QUESTIONS



MANDAVI TALUKA PANCHAYAT PRESIDENT IN NPCIL STALL



NPCIL OFFICIAL INTERACTING WITH TEACHERS AND STUDENTS



NPCIL OFFICIAL INTERACTING WITH TEACHERS



STUDENTS AND TEACHERS LISTENING WITH KEEN INTEREST



DISTRIBUTION OF PARTICIPATION CERTIFICATES AND MEMENTOS BY NPCIL OFFICIAL



NPCIL OFFICAL ADDRESSING IN CONCLUDING SESSION