

AERB has the mandate to keep the public informed on radiation and nuclear safety related matters. AERB views public outreach as an essential element to build a long lasting trust and confidence with media and the public at large. Towards this, AERB maintains its website with all relevant and updated information; issues press releases on contemporary issues, publishes quarterly newsletters, annual reports / bulletins etc. AERB addresses public concerns and provides information to the public through print and electronic media on various topics of public concern.

8.1 AERB AND MEDIA

AERB issues press releases/website updates with an aim to keep members of public informed about its important activities. The press releases are issued in English as well as in Hindi. Details of the press releases are available on AERB website.

8.2 COMMUNICATION AND CONSULTATION WITH STAKEHOLDERS

AERB provides all necessary information to its stakeholders through its website, annual reports, newsletters, press releases/briefings and media interviews. AERB website plays a pivotal role in keeping the public informed on issues related to radiological safety, major regulatory decisions, special technical reports etc.

Information on operating nuclear power plants including validity of operating licence, regulatory inspections, rated power capacities of all operating NPPs, significant events, radioactive effluent discharges, occupational exposures etc. are provided on AERB's website and the information is updated on monthly basis.

AERB issues e-Newsletter on quarterly basis which is being uploaded on the website.



8.3 REGULATORY EXPERIENCE FEEDBACK

(i) Actions Pertaining to Management of Disused Sealed Radioactive Sources (DSRS)

AERB conducted a meeting on January 30, 2019 with representatives from BRIT, Waste Management Division, BARC, Mumbai and Centralised Waste Management Facilities (CWMF), Kalpakkam to discuss the issues pertaining to management of disused sources. The issues aroused due to utilities' request for transfer of their foreign origin sources to waste disposal agencies in India because of various reasons like non-existence of original supplier abroad, exorbitant cost quoted by the original supplier and non-availability of proper documentation for export etc. The officials in the meeting discussed the criteria for accepting the disused sources for disposal in India and also to assess the feasibility of accepting the applications pertaining to DSRS by the waste management agency.

A communication was sent to Chairman, AEC & Secretary, DAE to establish a formal mechanism for management of disused sources in the interest of securing public safety. Subsequently, a meeting was arranged with BARC to establish the roles and responsibilities of the AERB and BARC with regard to the management of DSRS for its safe disposal in the country. Inputs with regard to establishing the mechanism for the management of DSRS was prepared by AERB in line with the National Policy on Management of Radioactive Waste and forwarded to DAE.

(ii) Response to National Human Rights Commission (NHRC)

National Human Rights Commission sought response from AERB with regard to a complaint regarding functioning of Directorate of Radiation Safety (DRS) in Kerala and unregulated medical X-ray equipment, operating in the State to which AERB provided clarifications. AERB also provided the detailed response on the historical background on formation of DRS in Kerala and subsequent change in their responsibilities after implementation of web-based licensing system (eLORA) and mechanism by which AERB regulates medical X-ray in all the States of the country. The Commission disposed of the petition subsequently based on response from AERB.

8.4 STRENGTHENING OF REGULATORY INTERFACES

AERB is associated with various agencies in the process of ensuring radiation safety in medical radiation facilities and industries handling radiation sources. AERB is routinely interacting with various ministries for resolution of generic issues related to radiation safety owing to handling of radiation sources for various applications. Towards this, AERB has interacted with following concerned ministries departments/institutes.

(i) Indian Institute of Packaging (IIP)

A meeting was organized with IIP on January 18, 2019 to have a clear understanding on roles and responsibilities of AERB and IIP, with respect to the package design approval for transport of radioactive material to ensure seamless regulatory arrangement.

(ii) Ministry of Road Transport and Highways (MORTH)

Joint meetings were organized with the representatives from AERB and Ministry of Road Transport and Highways at Transport Bhavan, New Delhi on April 30, 2019 and June 17, 2019 to identify the gap areas in national regulations with regard to international regulatory framework for the purpose of safe transport of radioactive material by road and to understand and establish the roles and responsibilities of the concerned enforcing agencies.

(iii) Directorate General of Health Services (DGHS)

AERB initiated coordination with DGHS to work out strategies and mechanisms for effective regulation of Clinical Establishments (CE) using medical devices emitting ionizing radiation. This co-ordination mechanism is being evolved to fulfil AERB's mandate of ensuring radiation safety of medical devices emitting ionizing radiation under Atomic Energy (Radiation Protection) Rules, 2004 (promulgated under the Atomic Energy Act, 1962), while simultaneously fulfilling the requirements spelt under the provisions of Clinical Establishment Act, 2010, by the National, State & UT's Authorities.

(iv) Department of Atomic Energy (DAE)

AERB continued its co-ordination activities with DAE on issues related to control over Beach Sand Minerals and handling of other Naturally Occurring Radioactive Materials (NORM) such as Columbite Tantalite ores, purification of Uranium contaminated water.

8.5 SAFETY PROMOTIONAL ACTIVITIES

AERB organizes and/or participates in discussion meetings and other professional meets to deliberate on nuclear and radiation safety aspects and the system of regulatory regime followed by AERB and the basis of regulatory decision making process. AERB also organises safety promotional activities, the details of such events are given below.

8.5.1 National Conference on Regulatory Interface (NCRI)

AERB hosted 3rd National Conference on Regulatory Interface (NCRI-2019) on December 24, 2019 at Mumbai. This year the purpose was to take open feedback on all regulatory processes of AERB

from its Licensees of Accelerator Facilities and DAE units involved in activities associated with transport of Radioactive Material. The objective of this annual conference is to foster an environment wherein the Licensees could interact, discuss and provide valuable feedback to AERB on various issues related to nuclear/radiation safety and regulatory requirements.

Following technical sessions were held in NCRI-2019 with focus on expectations from regulatory framework and regulatory processes of AERB and Experiences & sharing feedback of consenting process, review and assessment activities of AERB:

- Regulation of Accelerator Facilities and Feedback from Licensees
- Regulation of Transport of Radioactive Material (RAM) and Feedback from Licensees

NCRI-2019 witnessed gathering of delegates of various DAE units under purview of AERB and experts in the field. Around 132 delegates participated in the conference, with representation from the RRCAT, VECC, NPCIL, NPP Sites, NFC, BRIT and BARC amongst others.



Glimpses of National Conference on Regulatory Interface (NCRI-2019)

Follow-up of feedback received from stakeholders during the 2nd NCRI during December 27-28, 2018

- (a) Feedback from licensees and AERB committee experts on Consenting Process
- (b) Issues related implementation of Atomic Energy (Factories) Rules, 1996
- (c) Expectations from DAE units heads on regulatory framework and processes of AERB
- (d) R&D activities to support regulatory activities, and
- (e) Emergency planning and response.

These topics were meant to get insight into some of the current issues faced by AERB and DAE utilities together and receive feedback on important aspects.

Various feedbacks and suggestions were made by the stakeholders of Nuclear Facilities of DAE. These feedbacks were analyzed and necessary actions have been initiated by AERB to harmonize the requirements, to ease the procedures which will help to the end users for regulatory compliances without affecting the nuclear & radiation safety. Some of the issues are cross-cutting among AERB and utilities, which require a regular interaction and synergy for the common goal of nuclear safety. The important action items / feedbacks which have been implemented by AERB are brought out below:

(a) Feedback on Consenting Process

There was feedback about scope of optimization in the regulatory process and regulatory review for nuclear facilities other than NPPs. It was discussed that same yard stick being applied to Hazardous facility/ Non-Hazardous/ Low hazardous facility and Nuclear & Non-nuclear facilities. There is a scope to reduce review time lines if separate guidelines are available based on the hazard potential. The revision of AERB/SG/G-2 is undertaken by AERB to address the concerns raised based on detailed discussion in AERB on each of the aspects considering graded approach. There was feedback about revision of AERB/SG/G-1 to include the aspects related to early site review, early design review, clarity on main submissions & supporting submissions, optimization of sub-stages of consenting process. These are being addressed in revision of AERB/SG/G-1.

(b) Provisions of the Atomic Energy (Factories) Rules, 1996

It was deliberated that some provisions of the Atomic Energy (Factories) Rules, 1996 need to be revisited for NPPs and other nuclear facilities including imported reactor designs, also considering current industrial practices. The compliance issues or issues requiring exemption for some of the building of nuclear facilities were discussed. Exemptions for certain rules may be obtained on case-to-case basis and every departure from the provisions of the Rules should be justified. It was opined that while considering the revision of the Rules, all sections of the Factories Act, 1948 should be considered. AERB may adopt an approach to exempt certain buildings from certain provisions of Atomic Energy (Factories) Rules, 1996. To address the various feedback received on this topic, a Committee has been constituted by AERB for revision of the Rules, where these aspects will be considered appropriately.

(c) Regulatory Inspection

There were feedback on AERB's inspection process including scope of inspection, frequency of inspection and involvement of AERB in inspection and review of quality assurance programmes (QAP) during manufacture, construction & erection. There were mix views from licensee about involvement of AERB during manufacturing stage. AERB has enhanced its scope to cover vendor inspections and based on the experience gained & feedback, the extent of AERB involvement in off-site manufacturing will be decided.

(d) Infrastructure Expectation in R&D Activities

There was feedback on building in-house capability in new technology (expected Imported Reactors) including validation of new computer codes being used for new designs. More focused R&D is required for Passive Devices, Qualification of Core Catcher, Radiological Impact Assessment. Research needs for regulatory decision making should be identified by regulatory body and appropriate steps taken for formulation of research programs and development of TECDOCs. These aspects are being deliberated in AERB. Research needs are identified at AERB during the multi-tier technical review process. Based on the submissions independent verification studies are taken up on Severe Accident, Hydrogen Generation and distribution, Containment Filtered Venting System, Steam Water Interaction, In-

Vessel-Retention and related phenomena. The research needs are also identified in the CSRP and DAE-SCSR committees, in addition based on the AERB management insights in-house research programs are also lined up. Three technical document (TECDOCs) to support/aid finalization of AERB requirements and guidance for emergency management has been prepared.

(e) Emergency Planning and Response

There were discussions on development of plant specific Emergency Action Levels (EAL) for PHWRs, LWR, PFBR and additional features in decision support system (DSS) for dose projections based on monitored parameters. Subsequent to the approval of off-site EPR template by AERB and based on the guidance document prepared by the expert group (EG-EAL), NPPs have started preparing plant specific EALs. For PFBR, BHAVANI has prepared the EAL document. Recently EAL document of LWRs has been prepared. There was discussion that the requirements for handling emergencies during transportation of radioactive material should be developed & sustained. The SDDP and draft safety guide for transport of radioactive material is under preparation. It was discussed that there is potential for chemical emergency due to handling of Chlorine and H₂S and accordingly requirements of EPR to be reviewed. Activities for identifying EALs for chemical plants have been initiated through an internal group in AERB.

8.5.2 DAE Safety and Occupational Health Professionals' Meet

The 36th DAE Safety & Occupational Health Professionals' Meet, 2019 was jointly organized by AERB and Nuclear Fuel Complex at Hyderabad during August 21-23, 2019 to promote awareness about safety and occupational health aspects in DAE. The themes of this year's Meet were:

- **“Effective Management of Occupational Experience towards enhanced Industrial Safety”** related to industrial safety aspects and
- **“Effective Management of Medical Emergencies at Workplace”** related to occupational health aspects

Around 200 delegates from various DAE units & Aided institutes attended the meet. Technical sessions were held in which presentations were made by distinguished persons from the field of industrial safety and occupational health on the topics relevant to the respective themes, including a special talk by Chairman, AERB. These presentations were immensely useful for the enrichment of knowledge of participants. The meet provided platform to professionals for interactions and sharing the experience in the areas of industrial & occupational health safety.

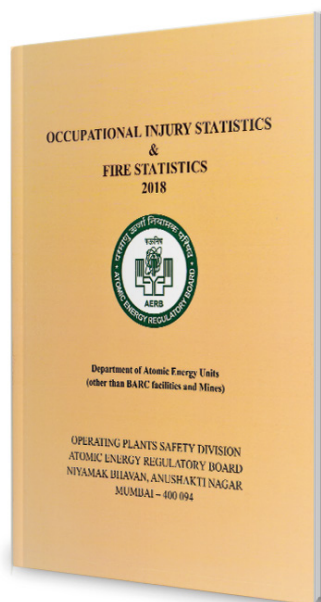


Dignitaries Inaugurating the 36th DAE Meet (L to R): Shri R. N. Jayaraj, Former CE, NFC; Shri Dinesh Kumar Shukla, Executive Director, AERB; Shri G. Nageswara Rao, Chairman, AERB, Dr. Dinesh Srivastava, Chairman & CE, NFC and Smt. Sheela, DCE (Safety), NFC

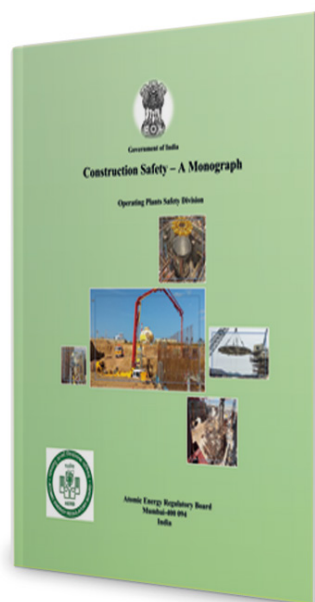


Shri G. Nageswara Rao, Chairman, AERB Delivering the Inaugural Address in the Meet

During this meet, monographs on 'Fire Safety' and 'Construction Safety' were released along with 'Occupational Injury Statistics & Fire Statistics-2018'.



Occupational Injury Statistics & Fire Statistics-2018



Monographs on 'Construction Safety'

AERB Industrial Safety & Fire Safety Awards for the year 2018 were presented to the winner of the DAE units by Shri G. Nageswara Rao, Chairman, AERB.



Dignitaries and Other Delegates of the 36th DAE Safety & Occupational Health Professionals' Meet

8.5.3 Special Meet/Awareness Programmes for Radiation Facilities

There has been an accelerated growth in the application of ionising radiation technologies in the fields of medicine, industry and basic research in the country. With the increased beneficial use of radiation sources, there is concern about the harmful effects of radiation if not used properly. Apart from effective regulatory controls in place, AERB primarily focuses on enhancing awareness amongst stakeholders on safe use of radiation sources. Towards this, AERB routinely conducts special meet/awareness programmes for a wide variety of audience with specific objective of spreading the importance of radiation safety. These include the radiation workers, safety personnel, manufacturers/suppliers of equipment/ sources, personnel from industry,

university faculty and students. Brief description on special meet/awareness programmes is as follows.

(i) Special Meet for 'Calibration and Testing Radiological Laboratories'

AERB and National Accreditation Board for Testing and Calibration Laboratories (NABL) jointly reached an agreement towards streamlining the accreditation process of radiological measuring and testing laboratories for calibration and testing purposes. In order to apprise the concerned stakeholders, AERB arranged Special Meet for 'Calibration and Testing of Radiological Laboratories' on March 26, 2019 at its HQ in Mumbai. The programme was attended by delegates from various private calibration and testing laboratories, experts from NABL and DAE units viz. BARC, BRIT & RRCAT.



Dr. A. U. Sonawane, Head, DRAC, delivering Welcome Address



Dr. Avijit Das, Director, NABL giving Special Remarks on the Occasion



Participants Interacting with Panelists during the Session



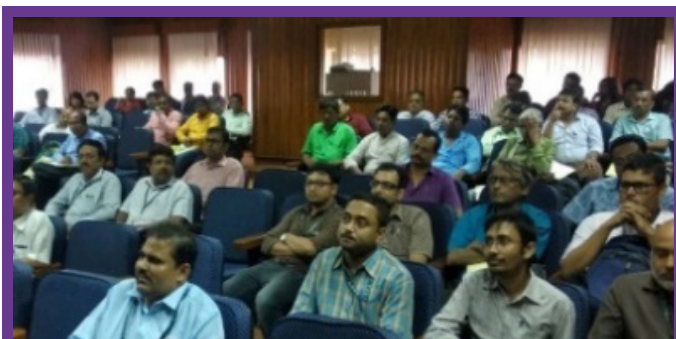
(ii) Awareness programme on 'Safety and Regulatory Requirements for Diagnostic Radiology Facilities'

An awareness programme on 'Safety and Regulatory Requirements for Diagnostic Radiology (DR) Facilities' was organised by Eastern Regional Regulatory Centre (ERRC) of AERB at Kolkata on July 30, 2019 for the employer and/or representatives of newly registered



Shri M. K. Pathak, Officer-in-Charge, ERRC delivering the Lecture in Awareness Programme

DR facilities. Lectures on various topics such as Safety & Regulatory requirements for DR, Personnel Monitoring, Excessive Exposure cases and Guidelines of eLORA were delivered. Medical practitioners, X-ray Technologists and Bio-medical engineers from West Bengal, Odisha & Assam attended the programme. A leaflet on 'Radiation Safety in use of Radiography and Computed Tomography Medical Equipment' was distributed to the participants.



Participants of the Awareness Programme

(iii) Awareness Programme on 'Safety and Security of Well-logging Sources'

AERB organized an awareness programme on 'Safety and Security of Well-logging Sources' on November 26, 2019 at AERB, Mumbai for Engineers/ Supervisors / RSO of well-logging radiation facilities to sensitize their roles & responsibilities with respect to safety & security of radioactive sources. The programme had the aim that RSO of the facilities would further train / disseminate the information to other personnel of respective institutions associated with handling of

radiation sources. Total 93 participants attended the programme.

8.5.4 Theme Meetings/Workshops For Nuclear Facilities

AERB organises and /or participates in discussion meetings and other professional meets to deliberate on nuclear and radiation safety awareness and the system of regulatory regime followed by AERB and the basis of regulatory decision making process. The details of such events are given below.



Shri D. K. Shukla, Executive Director, AERB delivering the Inaugural Address at Awareness Programme



Participants of the Awareness Programme

(i) Theme Meeting on 'Measurement of Carbon-14 Activity in Effluent release and Environment Samples'

One day theme meeting on 'Measurement of Carbon-14 Activity in Effluent release and Environment Samples' was conducted in AERB on February 19, 2019. The theme meeting was aimed at taking stock of various R&D activities being conducted for developing

necessary understanding about C-14 activity in environment, in reactor systems, waste disposal facilities including environmental dose monitoring in the areas around NPPs due to C-14. The meeting was also targeted towards harmonization of measurement methods that are adopted by different laboratories with respect to C-14 measurements and identification of further actions.



Shri G. Nageswara Rao, Chairman, AERB delivering the Presidential address in the Theme Meeting



Participants of the Theme Meeting

(ii) Theme Meeting on 'Regulatory Inspection Process'

AERB conducted a theme meeting on 'Regulatory Inspection Process' on February 21, 2019 at its HQ in Mumbai. The objective of the meeting was to share experiences and obtain feedback on the process of regulatory inspection of nuclear & radiation facilities. Representatives of all the Licensees of Nuclear Facilities, and few Radiation Facilities were invited to the meeting. Around 100 delegates from various units of the DAE including NPCIL, BHAVINI, IGCAR, UCIL, NFC, HWB, IREL, BRIT, RRCAT, RMC-BARC and medical radiation

facilities including Tata Memorial Hospital, ACTREC, Apollo Hospitals, Kokilaben Dhirubhai Ambani Hospital participated in this meeting.

During the meeting, the changes made in the regulatory inspection process of AERB, like frequency of inspections, methodology for reporting of inspection findings, and assignment of safety significance to the inspection findings were deliberated. The delegates in general, appreciated the present regulatory inspection process of AERB, and made certain suggestions for further improvement. These suggestions were discussed during the panel discussion for further actions at AERB.



Panel Discussion during Theme Meeting on 'Regulatory Inspection Process'

(iii) Theme Meeting on 'Environmental Remediation Strategies for Radioactive Contamination'

The two-day theme meeting on 'Environmental Remediation Strategies for Radioactive Contamination' was organized by Safety Research Institute (SRI), AERB at Kalpakkam during March 14-15, 2019. Around 70 delegates from AERB, IGCAR, BARC, NPCIL, BHAVINI, CSIR, Mangalore University, TNSDRF participated in the meeting.

Meeting was inaugurated by Shri G. Nageswara Rao, Chairman AERB. In the inaugural address, Chairman advocated that high-quality standards should

be adhered for safe management of Nuclear & Radiation Facilities. Utilities should remain prepared to meet any exigencies with robust systems as well as by mobilizing the supporting resources from all connected agencies. He felt that the focused discussions in the theme meet on the environmental remediation especially the experiences gained in Chernobyl and Fukushima accidents should guide to adopt appropriate strategies considering radiological, social and economic aspects. Shri S.S. Bajaj, Former Chairman AERB, presided over the theme meeting as Chief Guest.



Dignitaries in Panel Discussion

The meeting was organized with three technical sessions consisting of ten invited talks on remediation related topics. The talks were delivered by experts from IGCAR, BARC, NPCIL, AERB (including SRI), Former DAE experts and invitees from academia. The talks extensively covered the Chernobyl and Fukushima experiences and current developments.

(iv) Theme Meeting on 'Nuclear Security Regulation'

A theme meeting on 'Evolution of Nuclear Security Regulation at Nuclear Facilities & Feedback from Licensees' was organised on May 30, 2019 in AERB with an objective to disseminate changes in the regulatory review process of nuclear facilities on security aspects among the licensees and obtain their feedback on the same.

Apart from overview of evolution of the nuclear security regulation, the participants also got an opportunity to listen to invited talks on the evolution of nuclear security at DAE, evaluation of physical protection systems & its implementation in India and the nuclear security guidelines of IAEA by eminent persons from the field of nuclear security.

Representatives from nuclear facilities (NPCIL and HWB) provided their feedback on nuclear security



Glimpses of AERB Theme Meeting on Evaluation of Nuclear Security Regulation



implementation and regulatory inspection and appreciated AERB's initiative for combined inspection on safety and security aspects. The meeting was attended by around 100 participants from various DAE units, field experts, CISF personnel and AERB officers.

(v) Theme Meeting on 'Exchange of Experience on Radiological Safety among the Licensee & Regulator'

The theme meeting with an objective to exchange the information/expectation w.r.t. radiation safety between

licensee and the regulator was organized on October 11, 2019 at AERB Mumbai. Around 110 delegates from NPCIL, BARC, NFC and AERB participated in the meeting. Presentations on various topics such as recent Regulatory development w.r.t. Radiological Safety aspects, Its experience/challenges in Indian NPPs, Assessment of internal dose at NFC, Hyderabad, Responsibilities of Radiological Safety Officers (RSO) were made by speakers from different organisations. The meet provided platform to delegates for interactions and sharing the experience with respect to radiation safety.



Shri A. P. Garg, Head, OPSD, AERB delivering welcome Address in the Meet



Participants of the Meet

(vi) Technical Meet on 'Safety Perspectives in Reactor Containment & Systems Design, Assessment and Quality Assurance'

Technical meet on 'Safety Perspectives in Reactor Containment & Systems Design, Assessment and Quality Assurance' was organized by SRI-AERB at Kalpakkam during August 8-9, 2019 with an aim to provide a platform for experts from DAE units to share their experience on Containment systems' design, Construction, Functional Testing & Reliability, Quality

Assurance, Ageing Management, Regulation and Safety Assessment and to disseminate information on the present state-of-the-art systems.

The deliberations in the meeting provided directions for robust containment design, related regulation and features for preventing and mitigating accidents. The discussions also provided the necessary thrust and direction in focusing future research activities in challenging areas, and reorientation of the collaborative research activities among the participating organisations.



Shri. G. Nageswara Rao, Chairman AERB delivering the Inaugural address



Dignitaries and other delegates at the Technical Meet

(vii) 12th Workshop on ‘Transportation and Management of Trauma Victims’

12th Workshop on ‘Transportation and Management of Trauma Victims’ for Certifying Surgeons & Para-Medical staff of all DAE units was jointly organized by AERB and KKNPP on November 14-15, 2019 at KKNPP site. The purpose of the workshop was to provide practical demonstration on rescue operation, transport and management of trauma victims. The

workshop was attended by around 90 delegates from various DAE units.

The topics covered in the workshop were (i) Initial Assessment and Survey of Trauma Victims, (ii) Airway & Ventilatory Management, (iii) Management of Shock, Circulation & Vascular Access, (iv) Thoracic & Abdominal Trauma and (v) Limb Trauma & Amputations. The workshop was observed to be very useful to the delegates.



Skill Session at Workshop



Practical Demo Session at Workshop



Shri G. Nageswara Rao, Chairman, AERB and Delegates Inaugurating the Workshop

8.6 PUBLIC AWARENESS ACTIVITIES

8.6.1 Participation in Public/Scientific Events

(i) Seminar on Radiation Safety

National Association for Application of Radioisotopes and Radiation in Industry (NAARRI) and S. P. B. Patel Engineering College, Mehsana organised the National Seminar on 'Application of Radioisotopes and Radiation Technology in Agriculture, Healthcare and Industries' during February 15-16, 2019 at Mehsana, Gujarat.

Dr. A. U. Sonawane, Head, DRA&C delivered the talk during national seminar attended by students and faculty members from science and technology institutes, agriculture universities, and medical & para-medicals institutes.

(ii) Participation in Journalists Workshop

AERB participated for the first time in the workshop

for Journalists organized by DAE to spread awareness on societal applications of radiation at RAPS, Rawatbhata, Rajasthan during August 5-9, 2019. Workshop involved series of lectures from experts and close interaction on the subject. More than 45 journalists belonging to National Union of Journalists as well as from local region participated. AERB officer delivered a lecture on 'Regulatory and Safety aspects of Radiation Sources for Societal Benefits'. The workshop provided a valuable platform to interact with the media personnel and proved to be a useful awareness exercise. A number of news items on the event had been published in various newspapers. Some interviews taken on the electronic media for local channels etc. had also been telecast.

AERB had setup an informative exhibition stall to showcase AERB's role in Nuclear and Radiation Safety. Apart from Journalists, many students from school/colleges, general public from nearby places visited exhibition stall.



Glimpses of AERB Exhibition Stall (L to R): 1. Shri Vijay Kranti, Chairperson NUJ(I)-SJC interviewing Dr. A. U. Sonawane, Head, DRA&C, AERB 2. Participating Journalist interacting with AERB Official, 3 & 4. Students and General Public visiting AERB stall

(iii) Awareness Programme on 'Radiation Safety in the use of Radiation Source for Societal Benefits'

AERB organised the two-day awareness programme in association with Institute of Engineers India (IEI)-Madurai chapter during November 25-26, 2019. The topic of programme was 'Radiation Safety in the use of Radiation Source for Societal Benefits' at Madurai.

First day of the programme was organised for AERB's regulated radiation facilities located in and around Madurai district and second day was organised for members of public. The members of the public included faculty of engineering/science/social science colleges, civic authorities, students and journalists.



Chairman, AERB addressing the Gathering at Madurai

8.6.2 Exhibitions

AERB participates in Conferences, Science and Technology fairs where it displays exhibits on the safety and regulatory aspects of nuclear and radiation facilities including its safety documents. The exhibits are aimed at giving correct perspective on radiation doses received and provide public, a glimpse of the technical aspects of regulation. The response to the AERB's exhibits at these conferences/science fairs was extremely encouraging with visitors of various age groups and students visiting the stalls and getting informed about AERB and its role. During the year, AERB displayed exhibits and interacted with public at following events:

- National Technology Day (NTD) is celebrated every year on May 11 to commemorate the significant technological milestones achieved, and to honour the architects of these innovations. BARC/DAE had organised an exhibition on 'Nuclear Reactor Technology' during May 11-12, 2019 at DAE Convention Centre, Anushaktinagar, Mumbai. The exhibition was inaugurated by Shri Guntur Nageswara Rao, Chairman, AERB.
- Awareness programme on 'Radiation Safety in the use of Radiation Source for Societal Benefits' at Madurai.
- DAE Safety professionals Meet at NFC Hyderabad to spread information on lessons learnt from major industrial disasters.
- Workshop organised by DAE for journalists at RAPS, Rawatbhata, Rajasthan.



Shri G. Nageswara Rao, Chairman, AERB inaugurating Exhibition on 'Nuclear Reactor Technology'





Glimpses of AERB Exhibition Stall at National Technology Day

8.6.3 Safety Information through AERB Website

AERB continued to disseminate safety information through its web-site, which are as follows.

- (i) Prepared a “Booklet on Radiation Safety in Diagnostic Radiology-Information for X-ray Technologist” with an aim to provide basic information pertaining to usage of diagnostic X-rays and radiation safety in various modalities of X-ray imaging. The booklet is uploaded on AERB website and the weblink of the same was circulated among all the stakeholders of Diagnostic Radiology Practice via SMS and electronic circulars through e-LORA.
- (ii) As part of its initiative for spreading awareness among stakeholders, AERB through Bureau of Outreach & Communication (erstwhile DAVP) developed a video on ‘Radiation Safety in Fluoroscopy’.



Radiological Safety Division
Atomic Energy Regulatory Board
Niyamak Bhavan –B, Anushaktinagar
Mumbai – 400094, Maharashtra
Website: www.aerb.gov.in

*Booklet on Radiation Safety in Diagnostic Radiology-
 Information for X-ray Technologist*

8.6.4 Advertisement and Articles

AERB has published advertisements in Scientific Journals/Technical magazines & Newsletters. During the year an article on 'Regulatory Oversight for Medical X-ray Facilities' was published in RADBUZZ and ALARA

magazine. RADBUZZ magazine is dedicated to radiology, imaging and radiation safety and ALARA magazine is published by Indian Society of Radiographers and Technologist and widely read by X-ray technologists in the country.

