2023

Nuclear Medicine user guidelines for regulatory applications submission in e-LORA system

Radiological Safety Division,

Atomic Energy Regulatory Board,

Mumbai

Guidelines for obtaining Licence for operation of Nuclear Medicine Facility

The practice of Nuclear Medicine in India is governed by the Atomic and Energy Act, 1962 and rules promulgated under the Act. In view of this, AERB issues regulatory consents at different regulatory stages and publishes codes and guides as per the act & relevant rules. To facilitate the mandate, AERB is using e-LORA (e-**L**icensing **o**f **R**adiation **A**pplications), its e- governance application system to facilitate online submission of applications for regulatory consents and establish channel of communication with AERB for other regulatory requirements. All Nuclear Medicine user Institutes are required to use e-LORA for obtaining relevant consents and approvals from AERB.

The detailed steps to be followed for obtaining licence for operation of any NM facility are described here

Steps	Process	Application Form Name	Location of application form	Detailed Procedure
Step1	Institute Registration	Register Institute	e-LORA Home Page	Click Here
Step2	Approval of Layout	Site& Layout Plan Approval	Login>Regulatory Forms>Nuclear Medicine	Click Here
Step3	Declare Employees	Add Employee	Login>User Management> Add Employee	Click Here
Step4	Approval of RSO	Nominate RSO	Login>Regulatory Forms > Common Forms	Click Here
Step5	Declare Instruments	Add/view instruments	Login>Instrument management>Add/view instruments	Click Here
Step6	Procurement of equipment	Ad-hoc	Login>Regulatory Forms>Nuclear Medicine > Adhoc application	Click Here
Step7	Intimation	Intimation of available equipment/installations	Login>Regulatory Forms> Nuclear Medicine	Click Here
Step8	QA/Survey Source Procurement	Application for Source Procurement	Login>Regulatory Forms>Nuclear Medicine	Click Here
Step9	Intimation	Source Procurement Intimation	Login>Regulatory Forms>Nuclear Medicine	Click Here
Step10	QA/QC Report & Survey Report Submission	QA/QC Report/ Radiation Survey Report	Login>Regulatory Forms> Nuclear Medicine	Click Here
Step11	Licence	Application for Licence for operation	Login> Regulatory Forms> Nuclear Medicine	Click Here
Step12	Clinical Source Procurement	Application for Source Procurement	Login>Regulatory Forms>Nuclear Medicine	Click Here
Step13	Intimation	Source Procurement Intimation	Login>Regulatory Forms>Nuclear Medicine	Click Here
Step 14	Decommissioning /Disposal	Decommissioning /Disposal of installation/source	Login>Regulatory Forms>Nuclear Medicine	Click Here
Step 15	Intimation	Intimation of decommissioning	Login>Regulatory Forms>Nuclear Medicine	Click Here

Other generic processes/procedures in e-LORA

Process	Application Form Name	Location of application form	Detailed Procedure
NC Response	NC response screen	e-LORA Home Page	Click Here
Safety Status Report	Safety Status Report	Login>Common Forms>Nuclear Medicine	Click Here
Adhoc application	Adhoc application	Login>Regulatory Forms>Nuclear Medicine>Adhoc application	Click Here
Incident Reporting	Incident Reporting	Login>Regulatory Forms> Incident Reporting	Click Here
Exposure Investigation Report	Exposure Investigation Report	Login>Common Forms > Exposure Investigation Reporting	Click Here
Raise an Issue	Raise an Issue	Login > FAQ Raise an issue	Click Here
Amendment of source procurement	Amendment of source procurement	Login>Regulatory Forms>Nuclear Medicine	Click Here
Employer Change	Employer Change	https://www.aerb.gov.in/images/PDF/9-employer-change-guidelines.pdf	e-LORA home page

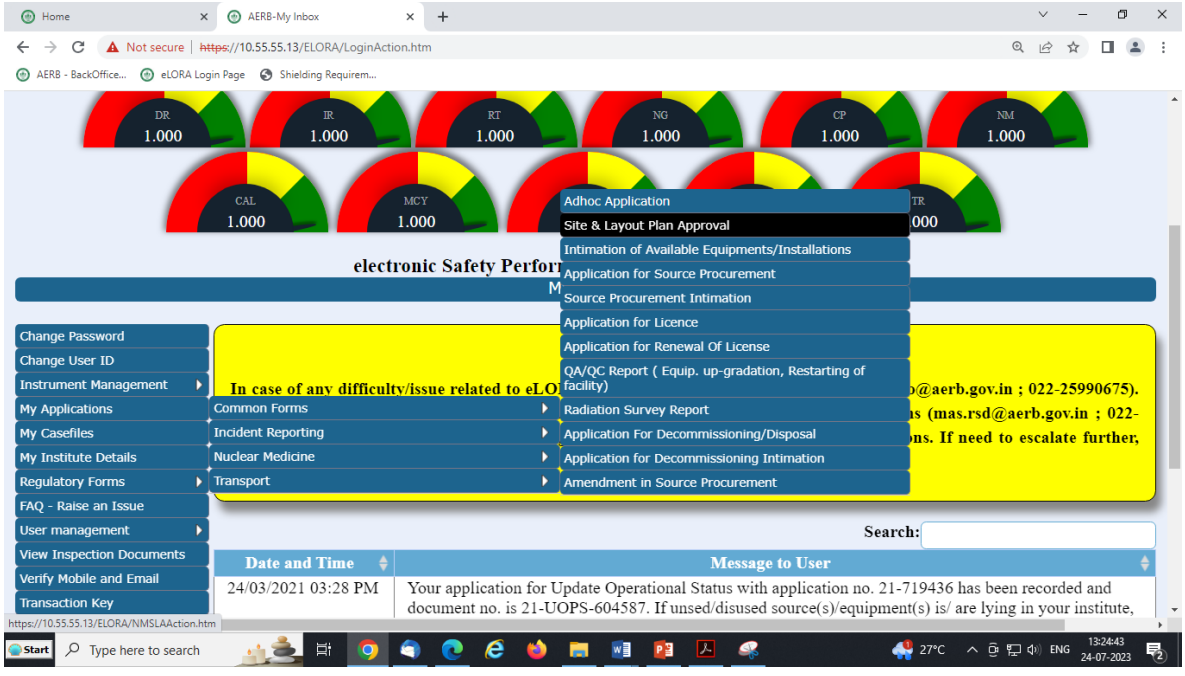
Steps described…

Step 1: Register Institute

Guidelines are available on e-LORA home page. After approval of your institute registration **application, you will receive user id and password. Note the same to access your e-LORA account**

Step 2: Approval of Layout

After login to your e-LORA account, menus are available on the left of your screen. Go to the menu **Regulatory Forms > Nuclear Medicine > Site & Layout Plan Approval** as shown below;



Click on **Site & Layout Plan Approval** and the application form will appear
Fill up the form as required. Important points in each tab are mentioned below:

Tab 1: List of available installation

This Tab will show you the list of all installations (e.g. PET, SPECT, SPECT-CT, PET-CT, High Dose Therapy, low dose therapy, beta therapy and non-imaging technique), select all the options required and indicate no. of equipment if it is more than one.

Tab 2: General Details

- **Layout application submission for:**
  - Choose **New Application** for approval of newly proposed layout. All facilities on the same floor in a continuous layout are considered for single approval. The facilities proposed on different floor/different location will require separate approval.
  - Choose **Modification of Approved layout** for structural modification or change in orientation without change in installations in a preapproved/existing layout. (In this case provide a letter giving details of modifications proposed and indicate the same in layout with different colour to identify existing and proposed)
  - Choose **Addition of New Installation** in case of addition of new installation in a preapproved/existing layout on the same floor.
  - Choose **Deletion of Existing Installation** in case of deletion of installation in a preapproved/existing layout for which **Intimation of Available Equipment/Installation** not yet submitted.

  On selection of New/Modification/Addition/Deletion, further related fields will be prompted

New Application

- **Application Submission For:** Choose all the installations/equipment required from the dropdown list. Use **Add Row** for multiple selections. Note that **Number of Each Installations** for **LDT, HDT, Beta-Therapy** & **Non-Imaging Techniques** are by default**'1'**and can't be modified. Fill the details prompted on your selection. In case of equipment like PET, SPECT, PET-CT etc. provide the number of equipment proposed.

  In case of HDT, enter capacity of single delay tank appropriately as per number of Beds (isolation rooms) proposed.

Modification of Approved layout

- **Reference number of Site and Layout approval:** Select reference of layout for which you require modification. Other details of modification will be sought after selection.
- **Brief Description:** Give a brief description of proposed modifications/changes from the existing layout. This option also can be used for change in approved workload of existing PETCT (eg. If approved workload is 60, and it is to be made 100, then use this option)

Addition of New Installation

- **Reference number of Site and Layout approval:** Select reference of layout in which you require addition of new installation. Other details will be sought after selection.
- **Application Submission For:** Choose all the installations/equipment to be added from the drop down list. Use **Add Row** for multiple selection. Give related details sought considering all the

equipment available and proposed. (e.g. If you have an already existing PET-CT with workload 60 in the layout and you want to add another one with workload 60, choose one PET-CT under **Application Submission For** and write 120 in **Proposed Combined Workload)**

Deletion of Existing Installation

- Procedure for deletion is similar to that for addition. Please note that this option can be exercised for the installation **only if** 'Intimation of Available Equipment/Installation' is not yet submitted. For modification in layout after **Deletion of Existing Installation,** option for **Modification of Approved layout** can be exercised**.**

Tab 3: Checklist

Checking the check boxes in the **Checklist** is mandatory for submission. Please go carefully through all the points on the checklist to avoid rejection of application.

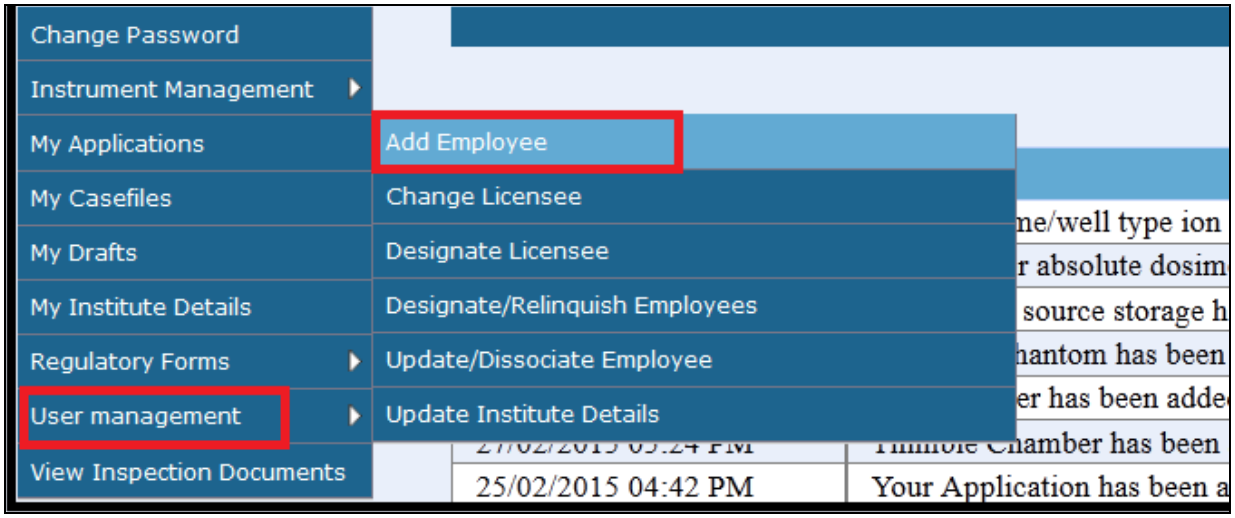
Tab 4: Attachment

Attachments are context based. Help menu is available with the attachment tab.

Step 3: Declare Employees

For every **Nuclear Medicine** facility, Minimum one **Nuclear Medicine Technologist,** one **Nuclear Medicine Physician** and one **RSO** are mandatory for obtaining Licence for operation.

For adding employees to your institution, please follow the path as;
Menu> User Management >Add Employee. Select required **Type of Employee** from the drop down



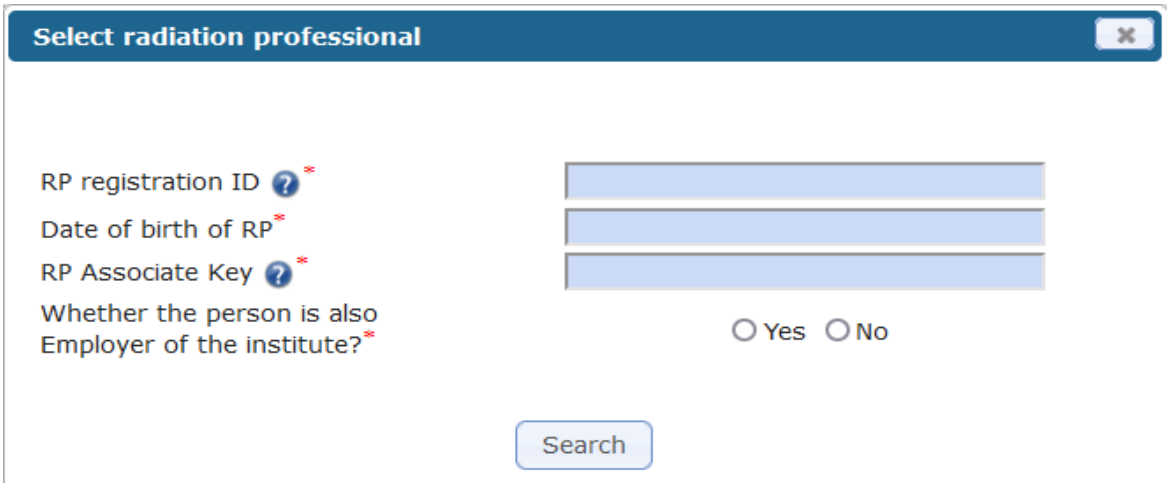
Three options are available in drop down for **Type of Employee** as follows**;**

- **Radiation Professional** (for **Nuclear Medicine Physicians** and **Nuclear Medicine Technologist**)
- **Radiation Worker** (for supporting staffs eg **ward boy, nurse** and **others)**
- **Non Radiation Worker** (to add Licensee if he is not a radiation worker)

In the form for adding **Radiation Professional,**

- A pop up will prompt you to provide **RP ID** and **DOB** of the personnel which will be available with the person. All other personal details will come automatically.

- Provide Date of Joining (of service in your institute), PMS No. (i.e. complete TLD No. eg. 11111C0001/11111W0001), Department and Designation, Profile (i.e. 'Nuclear Medicine facility') and Professional Role (i.e. 'Nuclear Medicine Physician, Nuclear Medicine Technologist')
- Provide Email(O)
- Browse and upload scan copy of joining /confirmation letter of employee and click on **Submit**

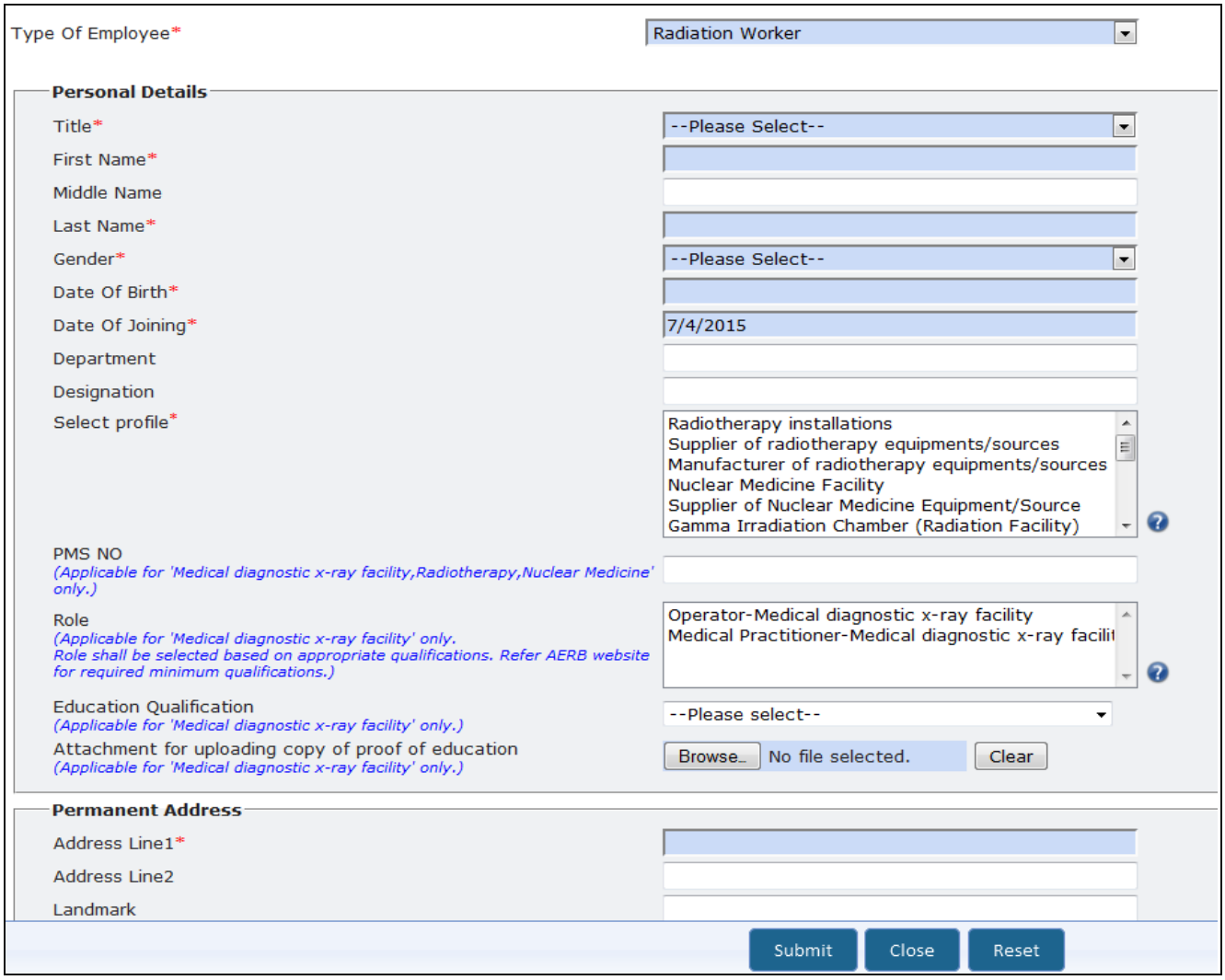


Important Note: You will not be able to fill further application form for Licence and procurement of sources unless you add employees e.g. **Nuclear Medicine Physician** and **Nuclear Medicine Technologist** as a Radiation Professional of your Institute. Also, declaration and approval of RSO is also a mandatory requirement for Nuclear Medicine.

RP Associate Key should be generated through RP login.

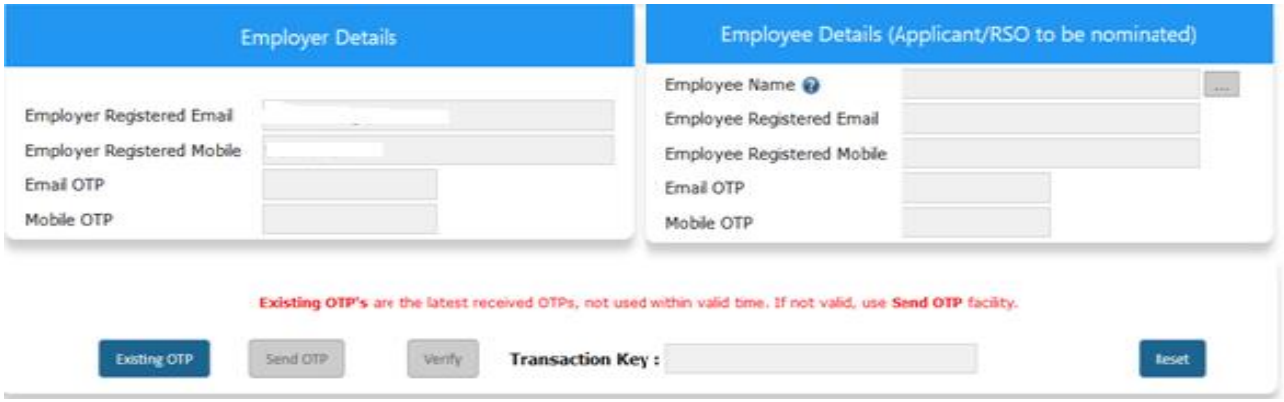
In the form for adding **Radiation Worker (Nurses/supporting staff posted in NM department),**

- Provide required personal information of employee viz. Title, Name, Gender & Date of Birth
- Provide required service information of employee viz. Date of Joining (of service in your institute), PMS No. (i.e. complete TLD No.), Department, Designation, Profile (i.e. 'Nuclear Medicine facility').
- Provide address & contact details of employee.
- Browse and upload scan copy of joining/confirmation letter of employee and click on **Submit**



Transaction key

As per the current regulatory requirement wherein two party authentication required for submission of certain types of applications by using transaction key. Below is the transaction key screen shot:



The transaction key generation option is available in employer login. Left side block displayed above shows Employer e-mail id and mobile number by default. Right side block displayed in the transaction key screen will contain only that Employee who will be the applicant (Employer or Licensee) of the application or the person whose name is to be nominated as RSO.

Prior to generation of transaction key, you need to verify e-mail id and mobile number of the employees. The email ID and mobile of employer & licensee can be verified using the respective log-in. The mobile number & email of the person to be nominated as RSO can be verified using the

person's Radiation Professional (RP) registration login. The email ID and mobile are verified using the One Time Password (OTP). You need to follow all the procedure mentioned in e-LORA for generating the transaction key.

Step 4: RSO Approval

Availability of RSO in a Nuclear Medicine facility is mandatory. You may obtain RSO approval through e-LORA. Please note that RSO approvals obtained through e-LORA only will be recognized by AERB as valid.

For adding RSO to the facility, please follow the path as;

Menu> Regulatory Forms>Common Forms >Nominate RSO as shown below;

You will be navigated to the following screen for nomination of RSO Nominate

Nominate RSO (for first time approval in the institute): "Nominate RSO" is applicable for nominating the employee for RSO of the institute for the first time. Select the employee from the List of Values (LOV) indicated in the right side of the Radiation professional label. The details of the selected employee will be populated in the rest of the fields. Enter the transaction key and submit the application.

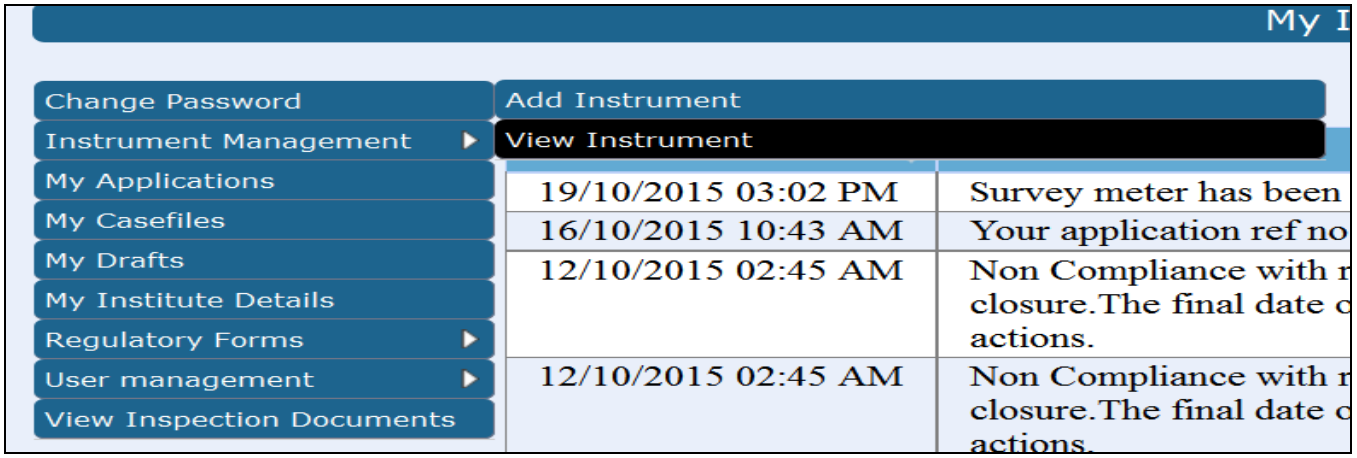
The detailed guidelines on RSO approval process including re-designation of RSO, Renewal of RSO, and dissociation of RSO are provided on e-LORA home page.

(link: https://aerb.gov.in/index.php/english/quick-help-on-e-lora)

Step 5: Declare Instruments

All Nuclear Medicine facilities require instruments e.g. survey meter, dose calibrator, pocket dosimeter, gamma zone monitor, Fume hood etc. for day to day functioning of the facility. The instruments need to be declared in e-LORA. To declare the same follow the path as:

Menu >Instrument Management >Add Instrument/View Instrument



For modification of certain details already available go to View Instrument (eg. Calibration date, working status etc.)

Following options are available in Drop Down for Type of Instrument,

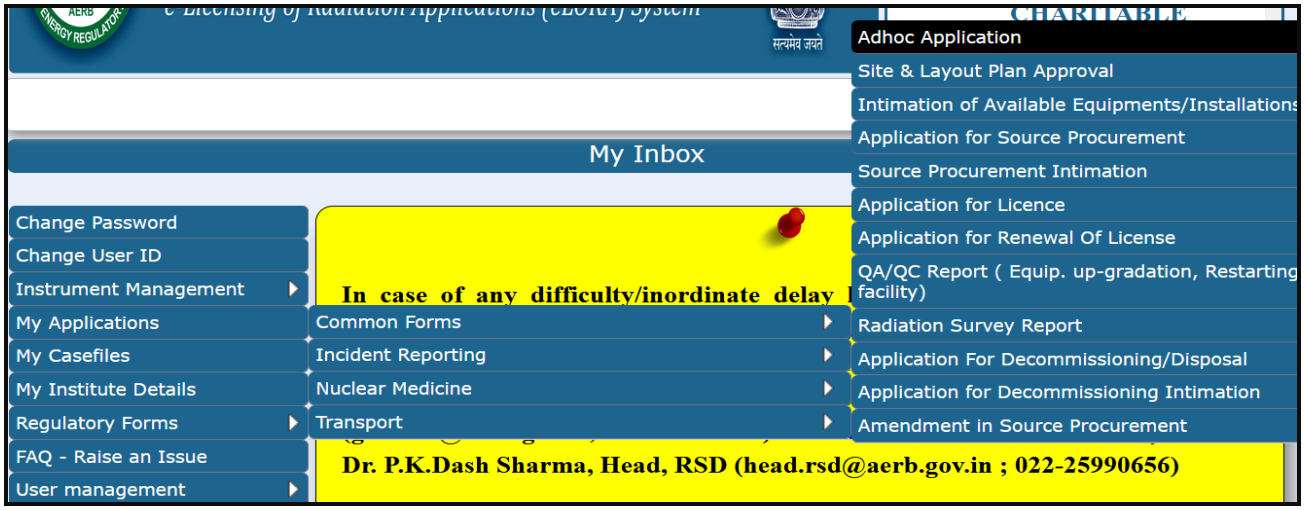
- Measuring Tools (Dose Calibrator, pocket dosimeter)
- Monitoring Tools (Survey Meter)

- QA Tools (Phantoms & other accessories)
- Safety Tools (Safety accessories like Fume Hood, Tongs, Syringe shields etc.)

All the instruments has to be declared separately to the system which will store all the details. The LOV for Type of Instrument Sub-type will list out all the relevant instruments as per the selection in the previous field.

Step 6: Procurement of Equipment through Adhoc application

This application is provided for all those applications which are not yet available in e-LORA.
For procurement of PET-CT/SPECT-CT equipment , Follow the path:
Regulatory Forms > Nuclear Medicine > Adhoc application.

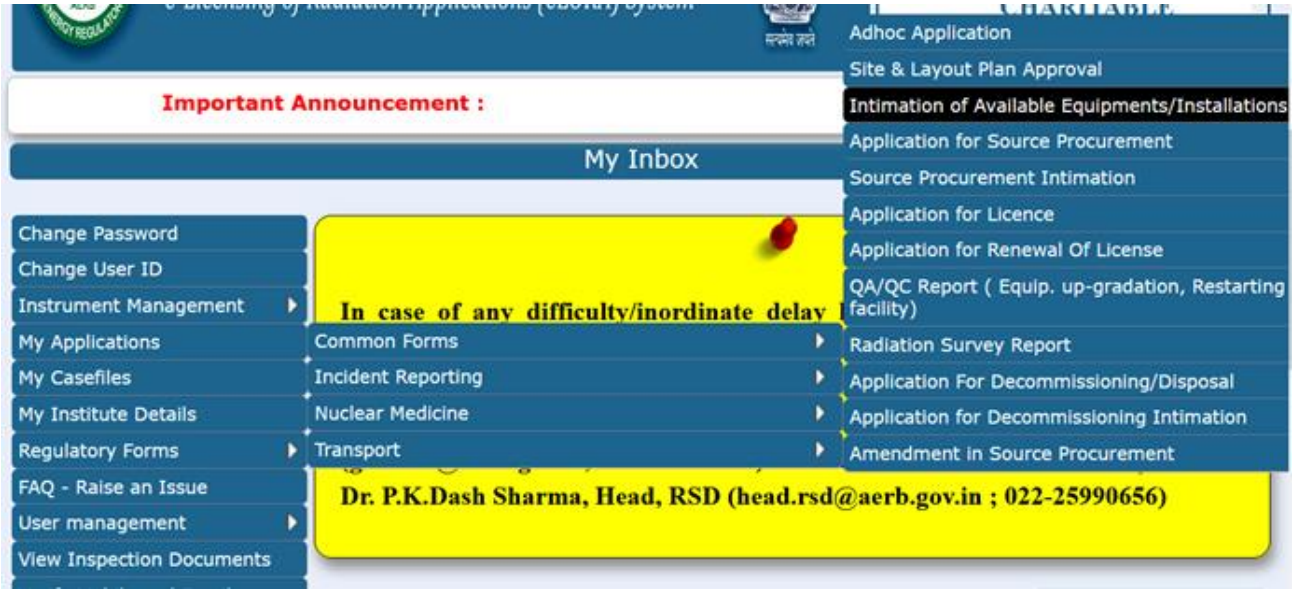


You are required to upload duly signed application form to obtain requisite permission for procurement. Application form can be downloaded from "**Help**" Menu of e-LORA system.

Step 7: Intimation of Available Equipment

- Every institution needs to intimate the equipment (e.g. PET, SPECT etc) as and when it is available with the institution and installed. Similarly, installations (HDT, LDT, Beta-Therapy etc) also need to be intimated through this screen. Give all the details as sought in the screen and **SUBMIT.**
- The system will automatically register the details as provided.
- For submission of intimation follow the path

  Menu > Regulatory forms > Nuclear Medicine > Intimation of available Equipment/Installation



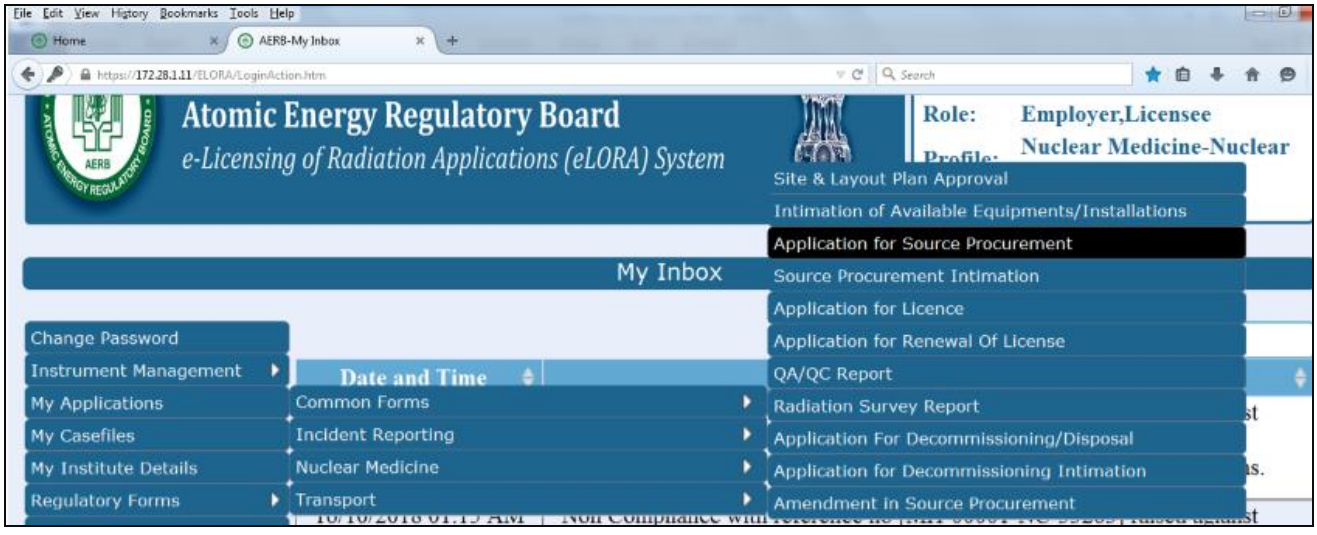
The duly intimated equipment / installation only will be available for applying for **Licence for Operation.**

Step 8: Application for Source Procurement (source for QA /survey)

Each time a user require to procure radioactive source for Nuclear Medicine practices from an authorized supplier in the country, a request needs to be raised through e-LORA.

- On successful intimation of available equipment, e-LORA takes note of availability of the equipment/installations with the facility.
- Application for procurement of source can be made by following the path

Menu > Regulatory Forms > Nuclear Medicine > Application for Source Procurement as shown below;



Clicking on "Application for Source procurement" will open the form.

Important points in each Tab are mentioned below:

Tab 1: Worker Details & Tab 2: Instrument Details

These tabs are for verification only**.** Any changes in the details should be done in respective menus available in e-LORA e.g. **Instrument Management** & **User Management.**

Tab 3: Source details

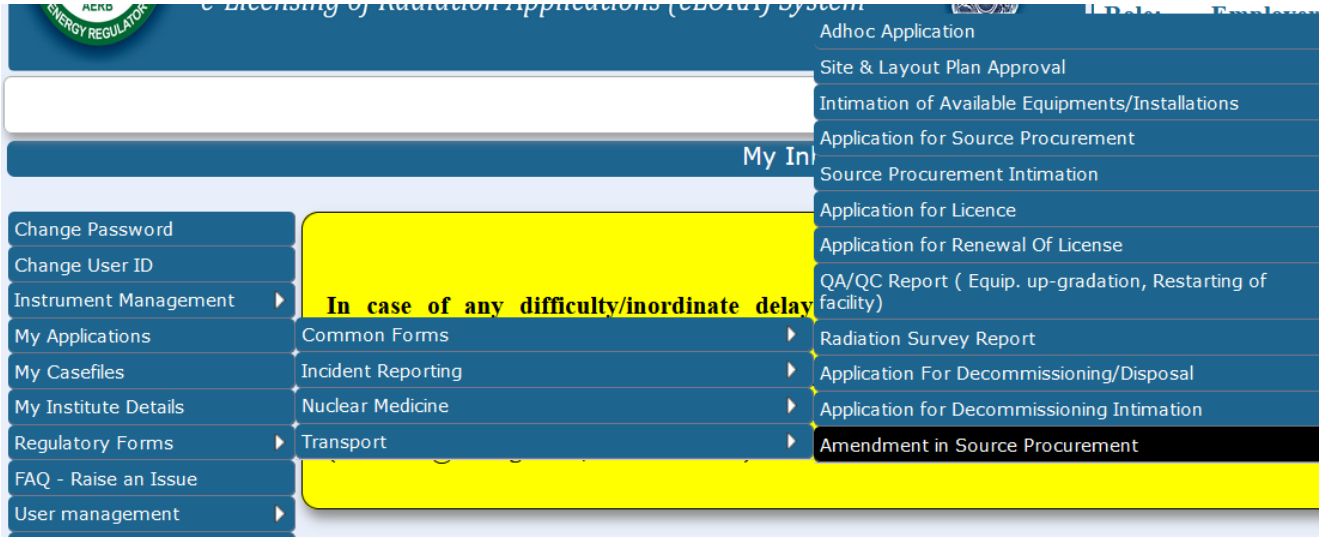
Details of the source sought are to be provided in this Tab

- **Type of source to be procured:** Select **Unsealed** or **Sealed** as required
- **Procurement for:** Choose between **Clinical Source, QA Source, Radiation Survey Source** & **Check Source**
- **Source:** Select which source you want to procure from LOV. The **Source specification** will be automatically captured based on your selection (In case the source to be procured is not available in the LOV, use Adhoc application for its procurement. Refer guidelines for **Ad-hoc Application**)
- **Activity:** Mention **Activity** of the source and select **Unit** appropriately
- **Available Installation ID:** Multi-select installation IDs where you intend to use the source. The installations will be shown to you based on availability and choice you mentioned above.
- ***Frequency:*** *Select the frequency of procurement of the source****.*** *This field is not applicable for* ***QA Source, Radiation Survey Source and Check Source.***

Amendment of source procurement

In case of any change in the procurement details, such as activity, type of NM installation, user can apply for amendment of procurement by following path:

Menu > Regulatory Forms > Nuclear Medicine > Amendment of Source Procurement



Step 9: Source Procurement Intimation

After procurement of source, user needs to submit the intimation of same through e-LORA. Follow the path mentioned below for the relevant form;

Menu > Regulatory Forms > Nuclear Medicine > Source Procurement Intimation

Clicking on "Source procurement Intimation" will open the form

Tab 1: Procurement Intimation Details

The Tab gives details of all the **Source Procurement** already raised by the User.

Tab 2: Source Procurement Details

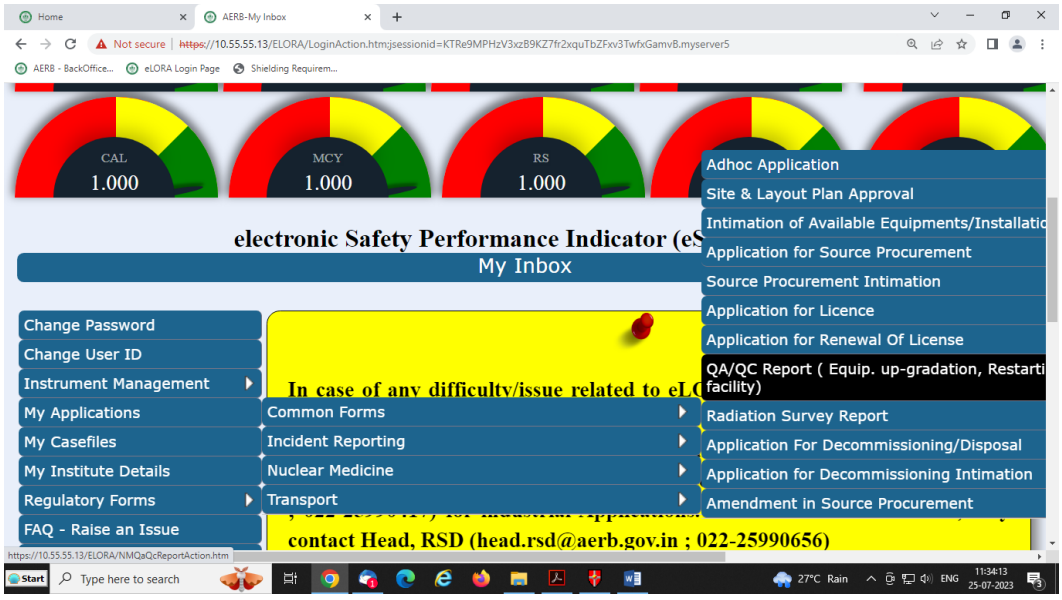
Fill up the required form as given below to submit the **Source Procurement Intimation** and click on **Submit.**

- **Reference No. of Procurement:** Select appropriate procurement approval from AERB.
- **Source / Specification /Authorized Activity / Frequency:** Will be auto-filled based on earlier selection. (verify the same to ensure correct intimation)
- **Date of procurement:** Provide the date of procurement.
- **Activity of procurement:** Provide the activity procured.
- **Supplier:** Select supplier from LOV

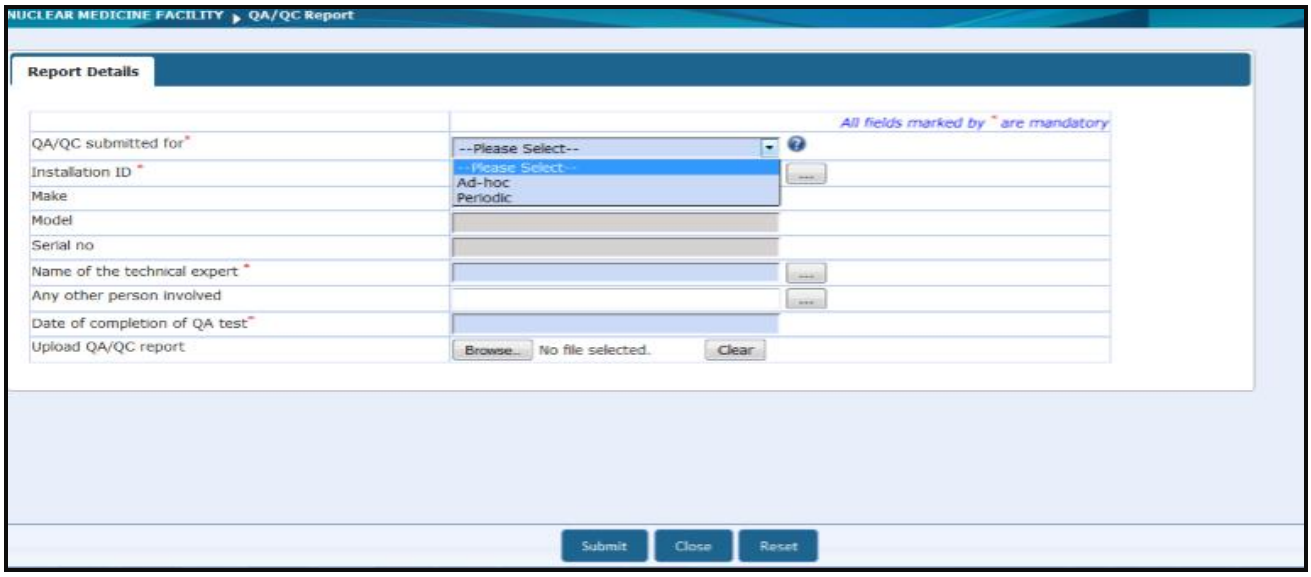
Step 10: QA/QC Report & Radiation Survey Report

Follow the path mentioned below for uploading a QA/QC Report of an Installation,

Menu > Regulatory Forms > Nuclear Medicine > QA/QC Report



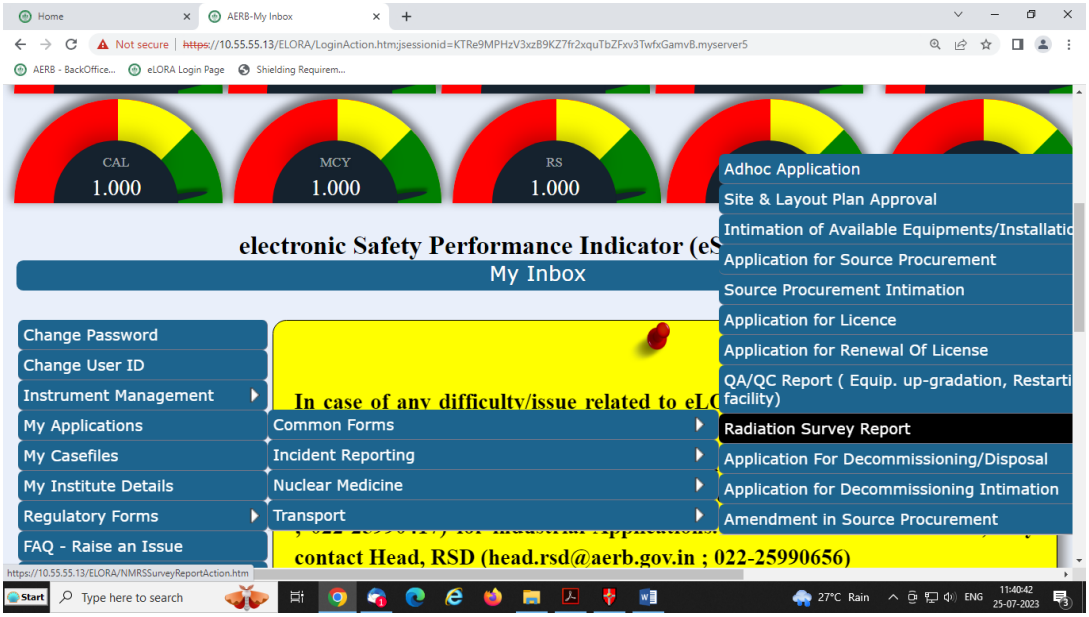
The following screen will appear and the guidelines to fill this form are given below:



Tab: Report Details

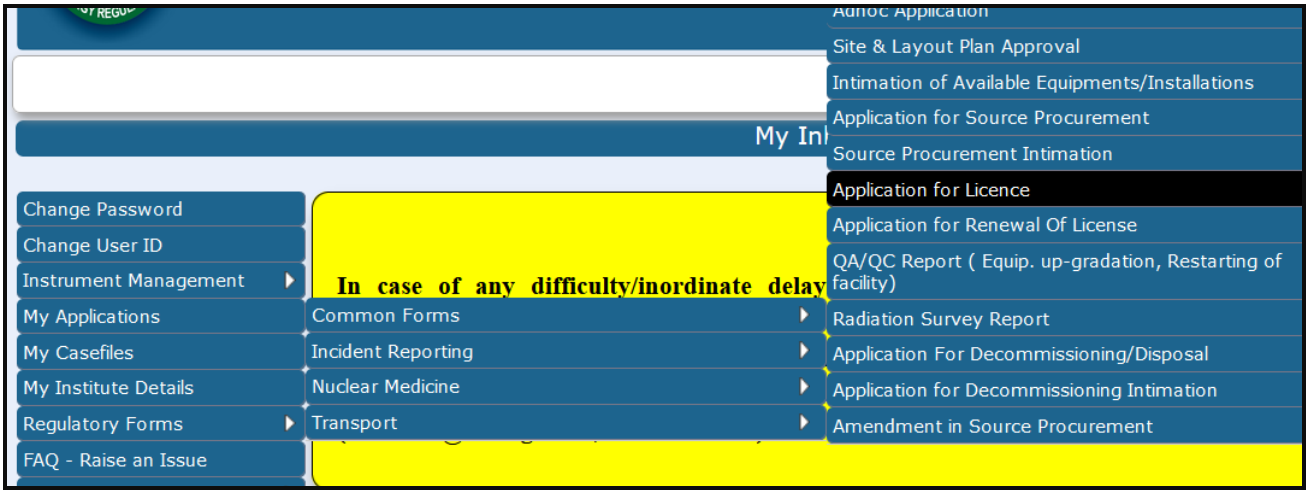
- **QA/QC submitted for:** Select Periodic if you want to upload the QA/QC report in the system.
  The report will not be reviewed by AERB unless it is referred in relevant applications e.g. License**.** Only **Periodic** reports can be tagged with the **Application for License.**
  (Select **Adhoc, only** if you are prompted or requested to submit the QA/Survey report by AERB)
- **Installation ID:** Choose **Installation ID** from LOV
- **Make / Model / Serial No.:** Will be auto-populated based on your selection
- **Date of completion of QA test:** Give the date of test
- **Upload QA/QC report:** Scan & Upload a Report as per the format prescribed in AERB website

The same path and guidelines should be followed for uploading a Radiation Survey Report



Step 11: Application for Licence for Operation

To apply for Licence for operation of NM installations, follow the path
Menu >Regulatory Forms >Nuclear Medicine> Application for Licence for Operation



In the application form following tabs are available
Tab 1: Worker Details, ***Tab 2: Instrument Details*** *&****Tab 3: Installation Details*** for information and verification only**.**

Tab 4: General Details

- **Licence for:** Select whether Licence is for **Installation** or **Check Source**

On selection of **Installation**

- **Installation ID:** Select from LOV, the installation you want to apply for
- **Type of Installation/Make/Model/Serial No./Max kVp/Max mA:** Will be auto- populated based on your selection
- **Reference No of QA/QC report:** QA/QC report should be selected from LOV. For guidance to how to upload QA/QC report see the relevant section of this guideline.
- **Reference No of Radiation Survey report:** Radiation Survey report should be selected from LOV. For guidance on how to upload Radiation Survey report see the relevant section of this guideline.
- **Upload Commissioning Checklist (for first time licence)** along with photographs of all the active areas and delay tank (in case of HDT) as the attachment.

On selection of **Check Source,**

- **Source ID:** Select from LOV the source you want to apply for
- **Specification/Make/Model/Radioisotope/Supplier/Maximum Activity:** Will be auto-populated based on your selection

Step 12: Procurement of Clinical Source

Follow the guidelines as per Step 8

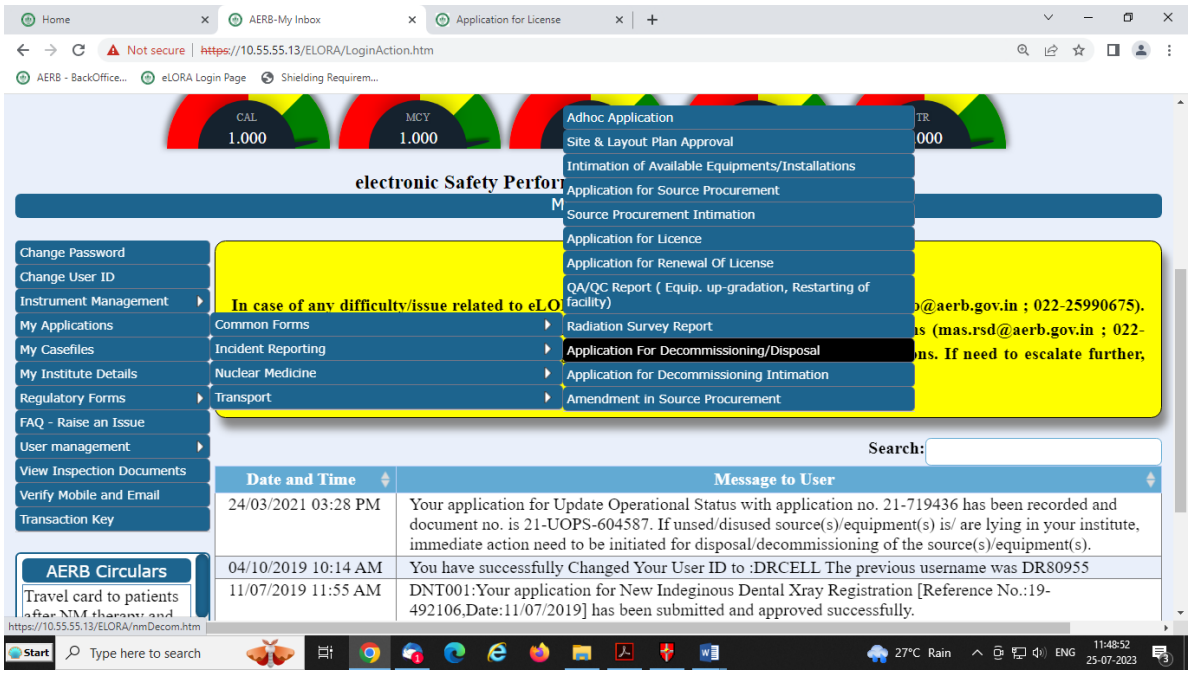
Step 13: Intimation of source procurement

Follow the guidelines as per Step 9

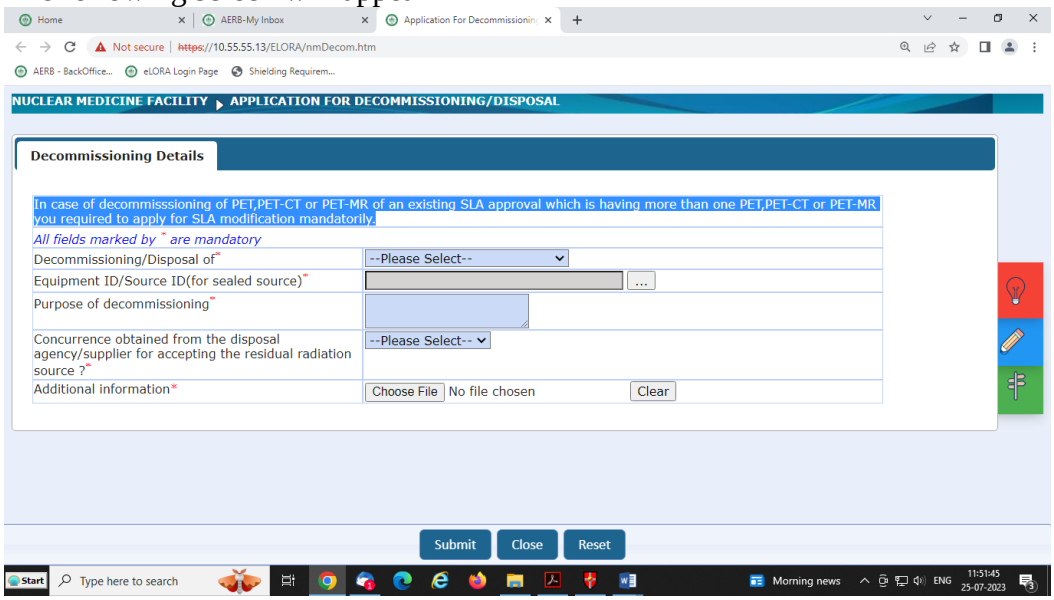
Step 14: Application for Decommissioning /Disposal

In case you wish to decommission an installation or dispose of a sealed source, follow the path

Menu >Regulatory Forms> Nuclear Medicine >Application for Decommissioning / Disposal



The following screen will appear



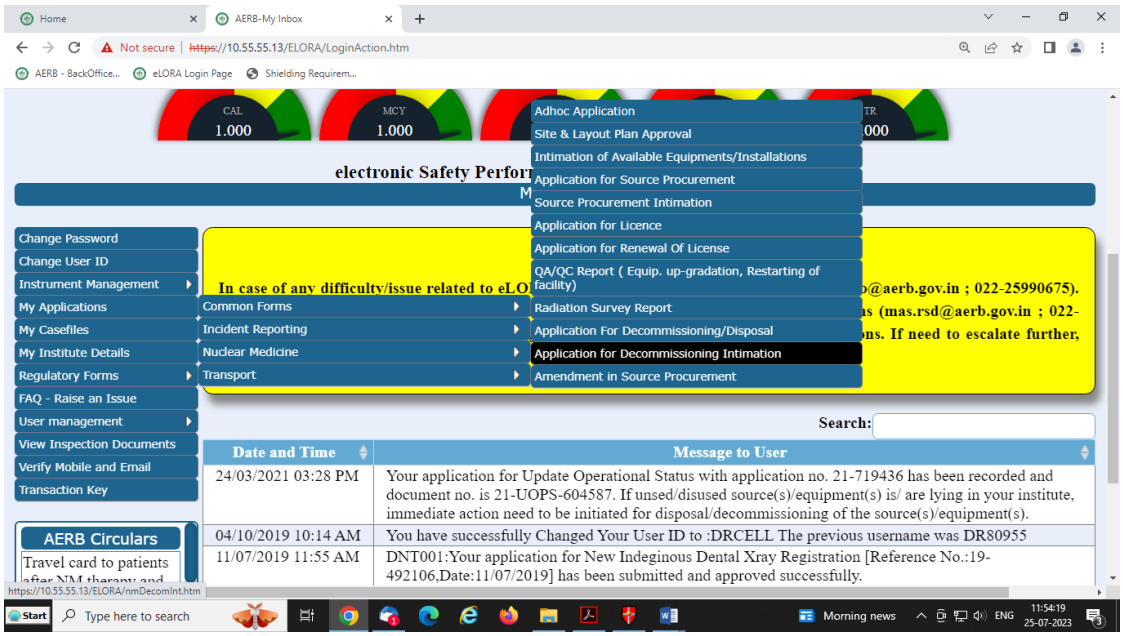
Please fill up the form as per the directions as follows and **submit.**

Tab: Decommissioning Details:

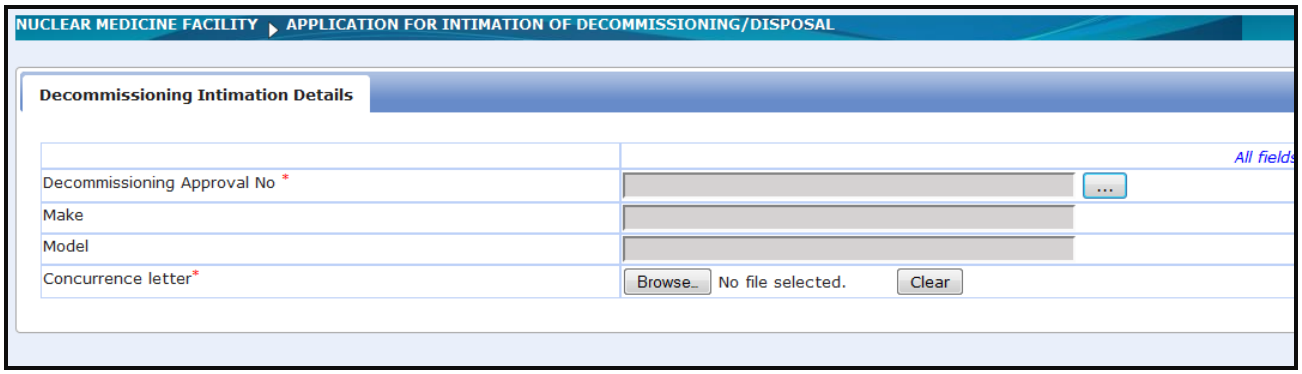
- **Decommissioning Disposal of:** Select the **Installation ID**
- **Equipment ID:** Select the one you want to decommission
- **Purpose of Decommissioning:** Briefly give the reason for decommissioning
- **Concurrence obtained from the local disposal agency/supplier for accepting the residual radiation source**: Select **Yes** or **No**
- **Additional Information:** Attach reports or anything you want to share with AERB. If the above selection is **Yes,** proof may be attached.

Step 15: Application for Decommissioning Intimation

On actual decommission /disposal of an installation or source AERB should be intimated about the same by this application. Follow the path;
Menu> Regulatory Forms> Nuclear Medicine >Application for Decommissioning Intimation as shown below;



Fill up the following data available in the screen



Tab: Decommissioning Intimation Details

- **Decommissioning Approval No:** Select from LOV
- **Make / Model:** Will be auto-populated based on your selection
- **Concurrence Letter:** For Source, give concurrence letter for disposal; for installation, attach report of decommissioning.

Other regulatory applications/processes

Non-compliance Response

- To check active Non-compliances details in your institute follow the path: **Menu > My Institute details > Non-Compliance Details**
- Non compliances are raised against the institute based on inspection finding and institute data available in the e-LORA (eg. Calibration expiry of instruments, non-submission of periodic SSR, expiry of validity of Licence/ RSO approval)
- Most of the system generated Non compliances will be closed once the requirement is compiled by the institution.
- For submission of response to the non-compliances raised through regulatory inspection, follow the path: **Regulatory Forms > Common Forms > Non-Compliance Response**
- You are required to attach the documentary evidences against the compliance status.

- In case, Non-compliance (NC) is raised against the institute, Employer needs to take immediate action to resolve it.
- If more time is required for resolution of NC, same may be intimated to AERB with necessary justification in NC extension form, which can be downloaded from "Help" menu of e-LORA system.
- For closing NCs related to Renewal of Licence and Renewal of RSO Approval, kindly apply Renewal of Licence and Renew RSO Approval for their closure.

Submission of Safety Status Report

It is mandatory for all Radiation Facilities to submit Safety Status Report (SSR) to AERB periodically. For the user's convenience SSR can be submitted anytime during the year in e-LORA. It is advisable to submit the Safety Status Report at a frequency of once in a year by the Nuclear Medicine facility.

The steps to be followed for Safety Status Report Submission through e-LORA are given below:

Step 1. Update Operational Status of sources and equipment (Menu: **Regulatory Form > Common Forms > Update Operational Status**)

Step 2. Verify and update (if required) Staff Details, Measuring and Monitoring Equipment etc.

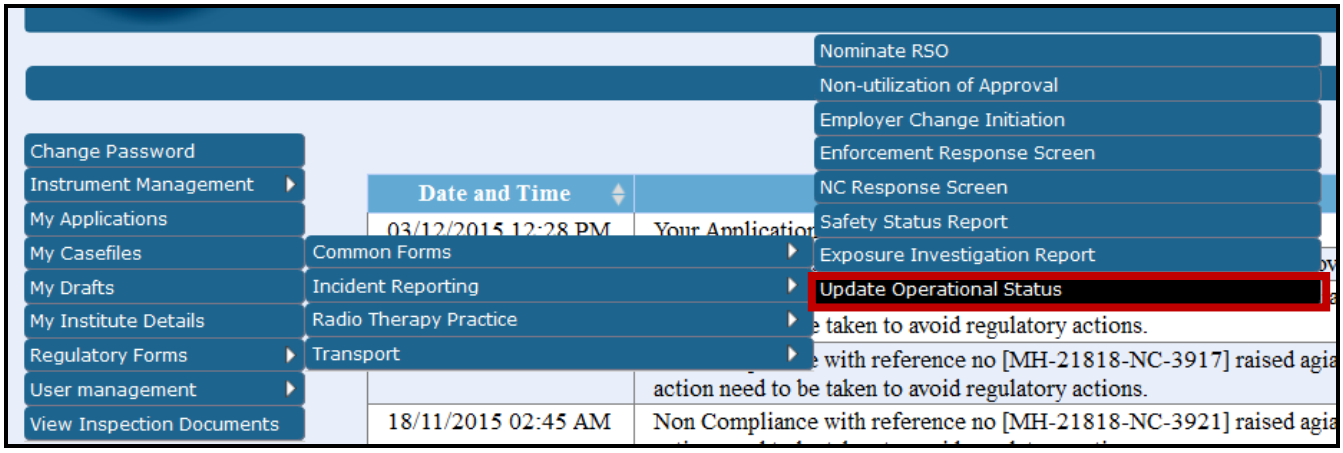
Step 3. If any additional information need to be provided please prepare make ready the file for additional attachment

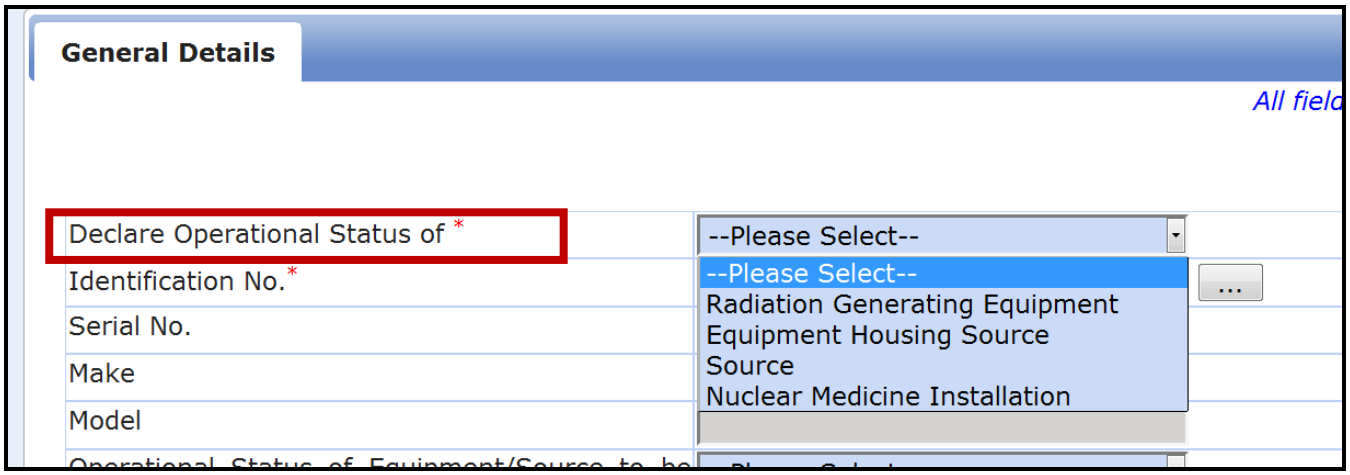
Step 4. Access Safety Status Report form (Menu: **Regulatory Form > Common Forms > Safety Status Report**) and submit.

Update Operational Status of Sources and Equipment

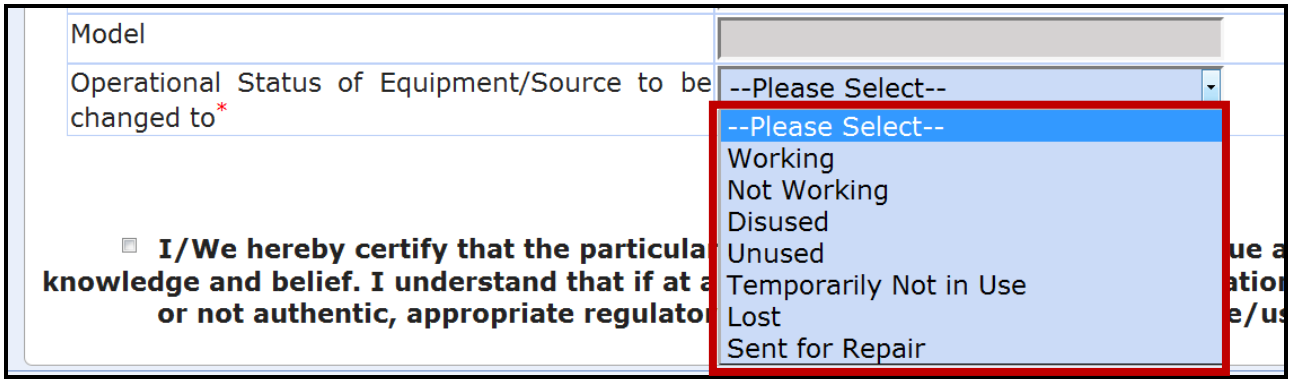
Follow below path to access form to update operational status of each radioactive sources and equipment:

Menu > Regulatory Form> Common Forms > Update Operational Status





Select operational status as of Equipment or Source.



The description to use for operational status is given below:

Operational Status	Applicable to	Description
Working	Equipment and Radioactive Sources	If equipment/radioactive source is being used
Not Working	Equipment	If equipment is not working/not being used
Disused	Radioactive Sources	If radioactive source is not being used
Unused	Radioactive Sources	If radioactive source has never been used
Temporarily Not in Use	Equipment and Radioactive Sources	If equipment/source is not being used but intended to be used in near future
Lost	Equipment and Radioactive Sources	If equipment/radioactive source is lost

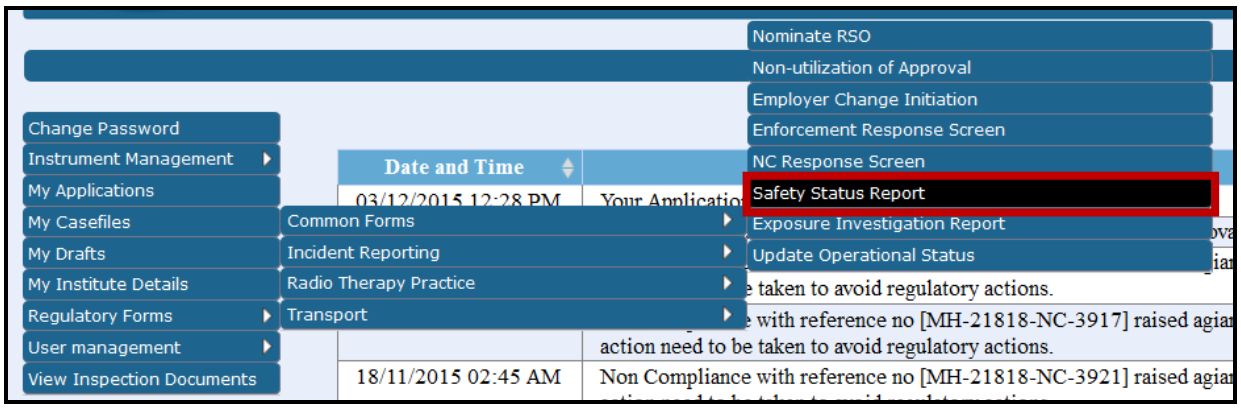
Follow the above procedure to update operational status of each radioactive source, equipment (i.e. radiation generating equipment or equipment housing radioactive source(s)) one-by-one.

Safety Status Report Form

Before submission of safety status report, verify and update (if required) Staff details and Measuring and Monitoring Equipment details. Please refer General Guidelines to use e-LORA System (available in e-LORA Help menu) to update these details.

Follow the below path to access form for Safety Status Report:

Menu: Regulatory Form > Common Forms > Safety Status Report



The details of equipment, source, worker, measuring & monitoring instruments are displayed in first few tabs. Fill the information as asked in tab: ‘safety status questions’.

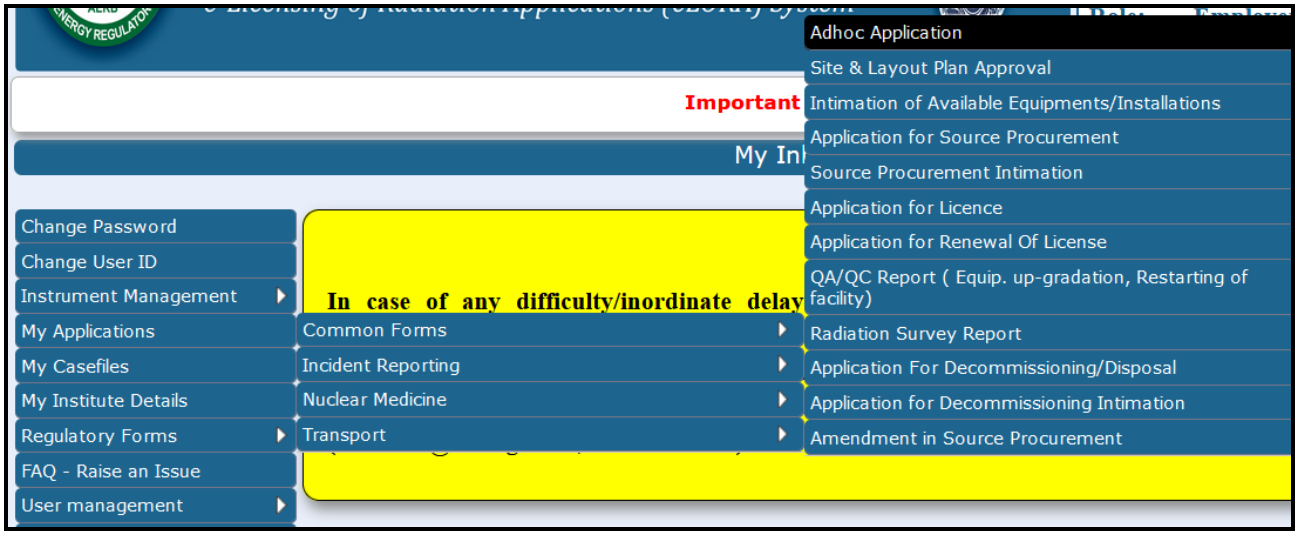
Ad-hoc Application:

This application is provided for all those applications which are not yet available in e-LORA exclusively such as:

- For procurement of PET-CT/SPECT-CT/PET/SPECT equipment
- Procurement permission for sources which are not listed in eLORA (eg: Ac-225)
- Extension of transport/export permission

Follow the path:

Menu > Regulatory Forms > Nuclear Medicine > Adhoc application



You are required to upload an application form/Request letter as applicable to obtain requisite permission/approval. Application form can be downloaded from "**Help**" Menu of e-LORA system.

Incident Reporting

The "Incident Reporting" functionality in eLORA system has 3 forms:

1. Incident Intimation Report: Use this form to intimate occurrence of incident.

2. Incident Update Report: Use this form to update on the current status of incident.

3. Incident Investigation Report: Use this form, to submit final investigation report of incident. Please note, till Incident Investigation Report is submitted and approved by AERB, the incident investigation remains open.

It is mandatory to submit "Incident Investigation Report" once the form "Incident Intimation Report" is submitted by your institute

Flow Chart

Important Note:

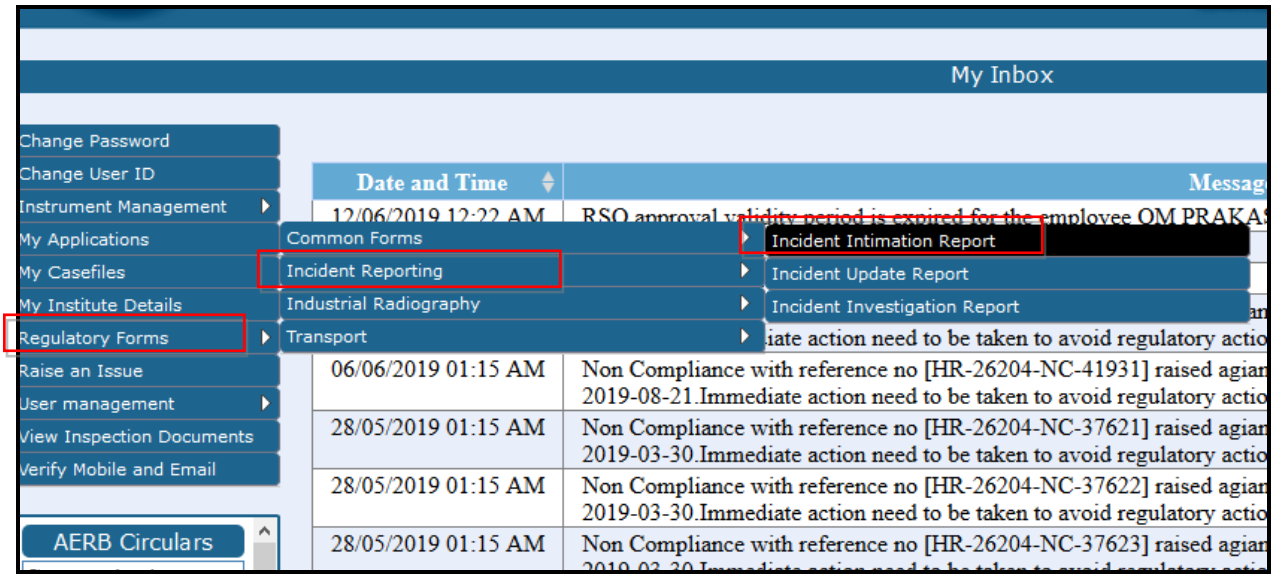
Please note that incidents such as theft of sources, spillage, misadministration, death of patient with radioactivity etc. can be intimated to AERB through the incident reporting module available in e-LORA.

These Forms Should not be used for intimating any Overexposure (excessive exposure) Cases Reported By TLD Labs. For submission of exposure case investigation report, you can use the "Exposure Investigation Report" available in Common Forms (Path: Menu >Regulatory forms **Common Forms> Exposure Investigation Report)**

a. Incident Intimation Report

This form can be accessed through the following path after logged in to your eLORA profile

Regulatory Form→ Incident Reporting→ Incident Intimation Report



Fill the form, provide attachments and submit

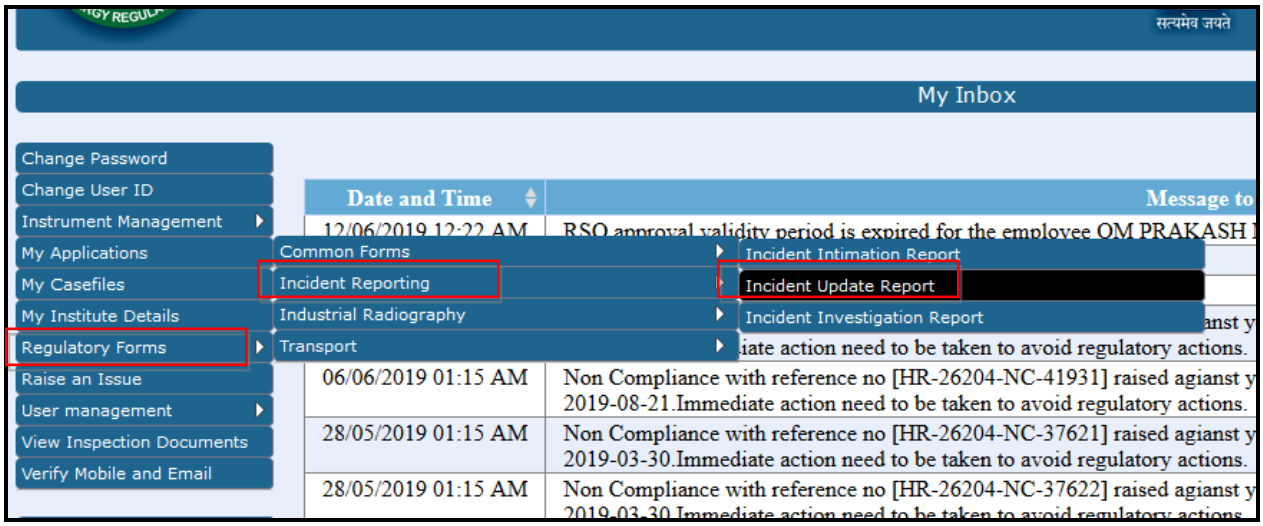
Status of application can be viewed through the "My Application" tab

b. Incident Update Report

This form may be used only if any update is required in the submitted incident information.

This form can be accessed through the following path

Regulatory Form→ Incident Reporting→ Incident Update Report



Fill the details, provide attachments(if any) and submit the application

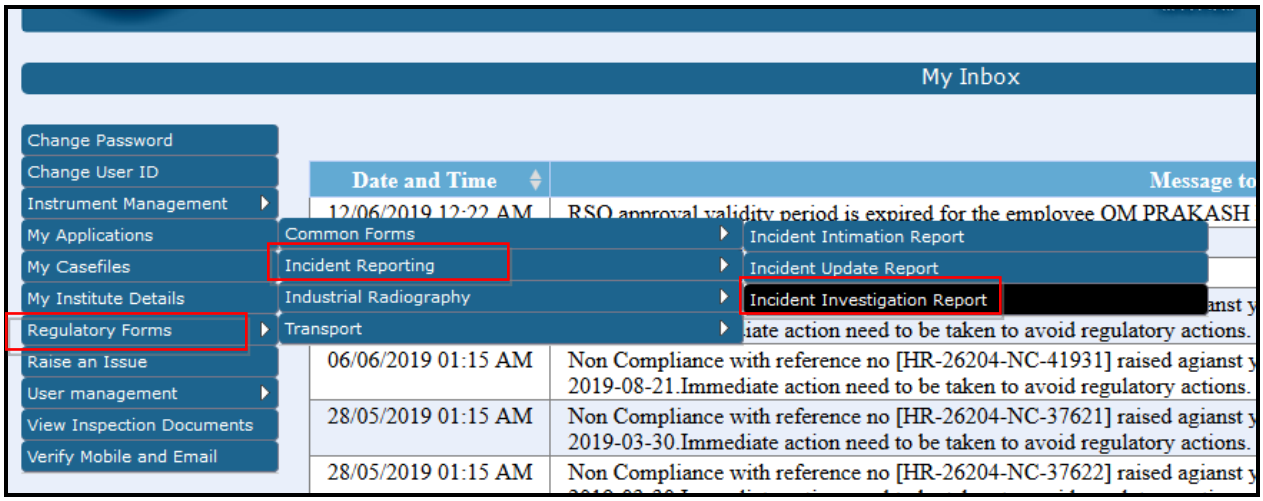
Status of application can be viewed through the “My Application” tab

c. Incident Investigation Report

It is mandatory to submit “Incident Investigation Report” once the form “Incident Intimation Report” is submitted by your institute

This form can be accessed through the following path

Regulatory Form→ Incident Reporting→ Incident Investigation Report



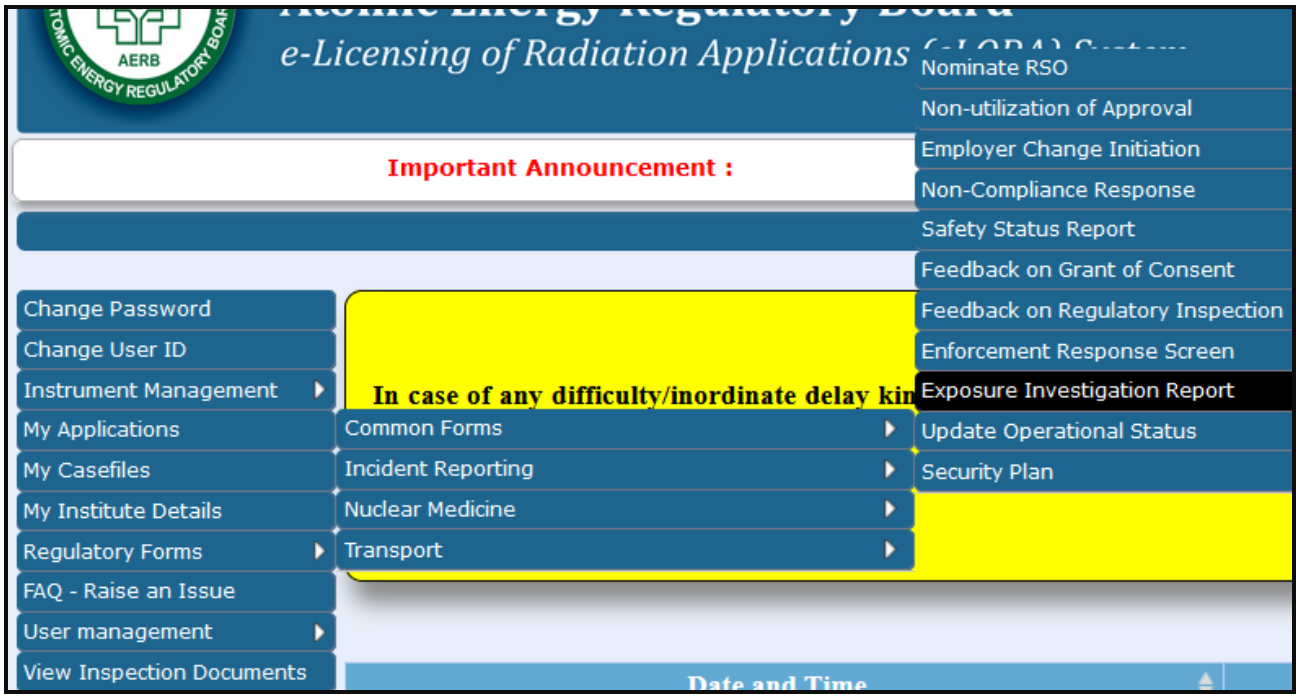
Fill the detail, provide attachment and submit the application.

Status of application can be viewed through the “My Application” tab

Exposure Investigation Report

In case of any employee receives exposure more than 10 mSv in any monitoring period, a notification will be sent through e-LORA to your institution. Employer is required to submit the details of exposure and its investigation by submitting Exposure Investigation Report within 15 days of notification. To submit the response follow the path

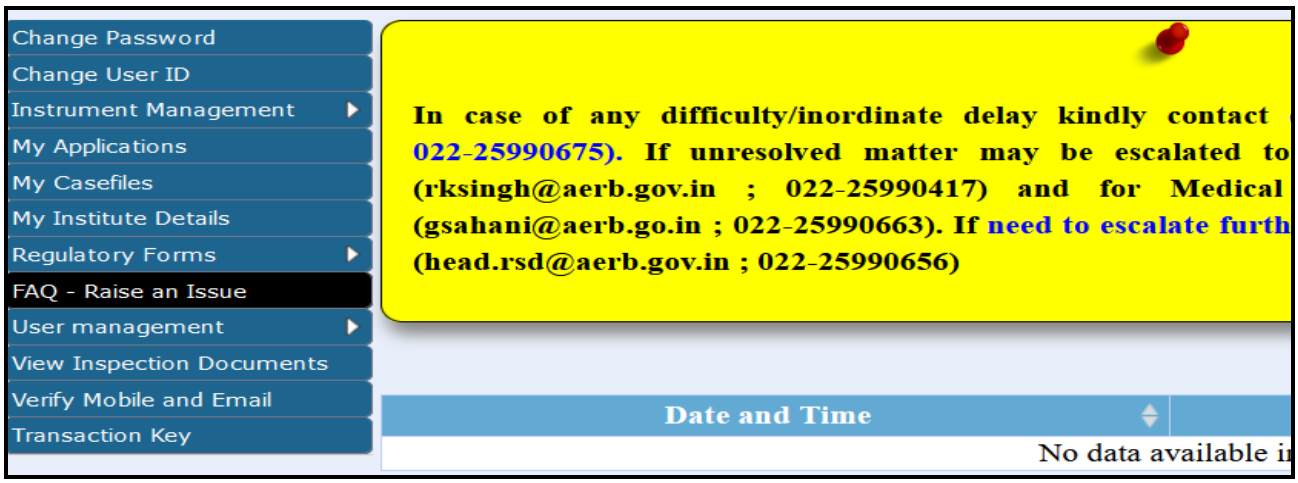
Menu > Common form > Exposure Investigation Report



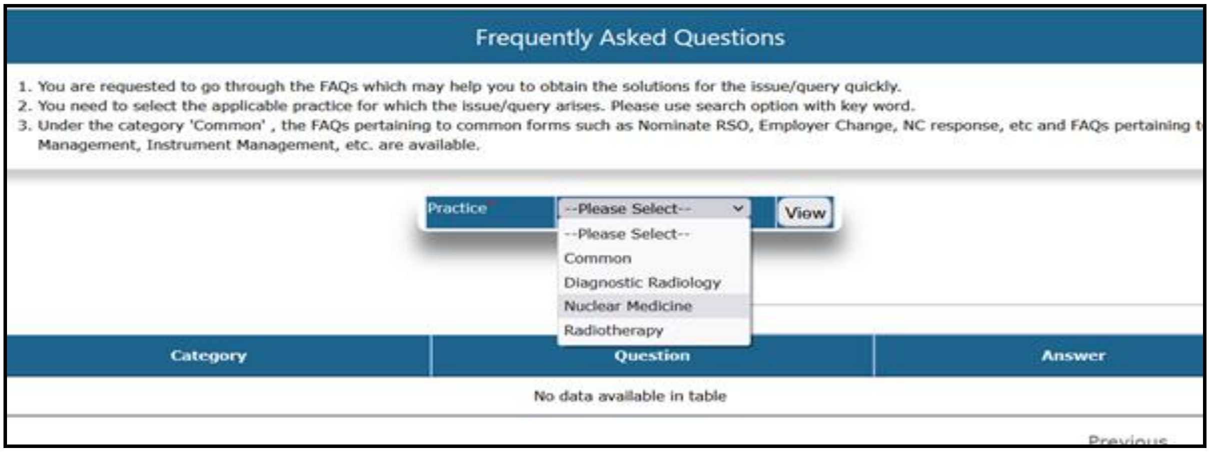
Raise an Issue

For any persistent system related issue problem, you may write to AERB through this application along with relevant screen shot of the problem.

Menu > Raise an issue



After clicking on the Raise an Issue following screen will appear, provide required details to understand the issue.



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More Information:

I. **Pl. refer Frequently asked Questions of Nuclear Medicine Practice available in 'Help' menu of e-LORA system**
II. **In case, issue persist, pl. submit the problem through 'Raise an issue' option of e-LORA system**
III. **Please click quick help on e-LORA:** https://aerb.gov.in/index.php/english/quick-help-on-e-lora
IV. **You may contact us at following Help Desk Number**

Help Desk No. and Email id for radiation facilities

022-25990675 & elora.info@aerb.gov.in

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