



Tentative Training Program of PNRA for Year 2012 **(Course Calendar)**

1. School for Nuclear Safety and Radiation Protection (SNRS)

S#	TITLE	Duration / Tentative Dates	Hosted by/ Venue
1.	12 th Basic Professional Training Course Level - 1 (Mandatory for new inductees)	(Six Weeks/ 90 hrs) (Jan. 16-Feb. 24)	PNRA HQ Islamabad
2.	1 st Training Workshop on "Quality Assurance (QA) in Radiotherapy"	(Three days/ 15 hrs) February 16-18	Medical Hospital Islamabad
3.	1 st Training Workshop on "Quality Assurance in Medical Imaging"	(Three days/ 15 hrs) February 23-25	Medical Hospital Islamabad
4.	Workshop on Nuclear Knowledge Management	(One Week/ 20 hrs) February 20-24	PNRA HQ Islamabad
5.	5 th Training Course on PNRA Regulations related to Nuclear Power Plants	(Two days/ 10 hrs) February 20-21	KINPOE Karachi
6.	3 rd Workshop on the Use of International Operating Experience Feedbacks (IRS, INES and WANO)	(Three days/ 15 hrs) Feb.22-24	KINPOE Karachi
7.	National workshop on Technical Arrangement for Activating /Deploying RANET Capabilities	(One Week/ 22 hrs) March 12 - 16	PNRA HQ Islamabad
8.	6 th Training Course on PNRA Regulations related to Nuclear Power Plants	(Two days/ 10 hrs) March 19-20	CHASCENT Mianwali
9.	4 th Workshop on the Use of International Operating Experience Feedbacks (IRS, INES and WANO)	(3 Days/ 12 hrs) March 21-22	CHASCENT Mianwali
10.	Workshop on Lessons Learned during Construction & Commissioning of NPP	(Three days/ 15 hrs) March 19-21	PNRA HQ Islamabad
11.	2 nd Training Workshop on "Quality Assurance in Medical Imaging"	(Three days/ 15 hrs) April 09-11	Medical Hospital Karachi
12.	2 nd Training Workshop on "Quality Assurance (QA) in Radiotherapy"	(Three days/ 15 hrs) April 12-14	Medical Hospital Karachi
13.	9 th Training Course on Radiation Safety for Industrial Radiographer.	(Three Day/ 12 hrs) April 16-18	RNSD - III Karachi
14.	1 st Seminar on Radiation Safety for Industries & Medical Centers (for Managers)	(One Day/ 03 hrs) April 24	PNRA HQ Islamabad
15.	1 st Training Workshop on Design Basis & Severe Accident Analysis	(One Week/ 20 hrs) April 23-27	PNRA HQ Islamabad
16.	2 nd Professional Training Course Level - 2 on PHWR Systems	(Four Weeks/ 60 hrs) May 07- June 01	PNRA HQ Islamabad

17.	3 rd Training Workshop on “Radiation Shielding of Exposure Rooms of Medical Facilities”	(Four Days/ 20 hrs) May 14-17	PNRA HQ Islamabad
18.	Workshop on CFD Analysis and Stress Analysis	(One week) May 21-25	PNRA HQ Islamabad
19.	10 th Training Course for Certification of Industrial Radiographers.	(Three Day/ 12 hrs) June 04-06	PNRA HQ Islamabad
20.	2 nd Workshop on Review and Assessment of NPPs	(Two weeks/ 30 hrs) June 18-29	PNRA HQ Islamabad
21.	4 th Training Course on In-Service Inspection and Welding Techniques.	(One Week/ 20 hrs) July 16-20	RNSD-III Karachi
22.	Training Course on Emergency Planning and Preparedness at NPPs	(One Week/ 20 hrs) August 27-31	PNRA HQ Islamabad
23.	1 st Certification Course for Radiation Protection Officers (RPOs) of Radiation Facilities (Nuclear Medicine, Radiotherapy, Irradiator etc.)	(3 Days/ 15 hrs) September 18-20	PNRA HQ Islamabad
24.	1 st Certification Course for RPO’s of Radiation Facilities (Industrial Radiography, Oil & Well Logging, Nuclear/Density Gauges, Scanners etc.)	(3 Days/ 15 hrs) September 25-27	PNRA HQ Islamabad
25.	Training Course on PNRA Regulations	(5 days/ 20 hrs) October 01-05	PNRA HQ Islamabad
26.	2 nd Certification Course for RPO’s of Radiation Facilities (Nuclear Medicine, Radiotherapy, Irradiator etc.)	(3 Days/ 15 hrs) November 12-14	RNSD - III Karachi
27.	2 nd Certification Course for RPO’s of Radiation Facilities (Industrial Radiography, Oil & Well Logging, Nuclear/Density Gauges, Scanners etc.)	(3 Days/ 15 hrs) November 15-17	RNSD - III Karachi
28.	2 nd Training Workshop on Design Basis & Severe Accident Analysis	(One Week/ 20 hrs) November 26-30	RNSD - III Karachi
29.	1 st Training Workshop on PSA- Level-1	(One Week) December 03-07	RNSD-II
30.	National Seminar on Radiation Protection for Doctors	TBD	TBD
31.	Workshops/Training courses in collaboration with local and foreign institutes may also be arranged	TBD	TBD
32.	Lectures/Seminar on Special Topics will also be arranged from time to time for short duration (One to three hours) at SNRS or in other organizations	Notify time to time.	Notify time to time.

2. Nuclear Security Training Center (NSTC)

(All courses will be conducted at PNRA HQ)

S#	TITLE	Duration / Tentative Dates
1.	Project Management Course (Senior Level)	05 days/23-27 Jan/25 hrs
2.	Workshop on Lesson Learned on physical protection up-grades at NPPs (Senior Level)	01 day/02 Feb/5hrs
3.	Workshop on Vital Area Identification (Senior/intermediate)	01 day/03 Feb/5hrs
4.	Basic Training Course on Gamma Ray Spectroscopy (Intermediate/Junior)	03 days/13-15 Feb/15hrs
5.	Training Course on Radiation Portal Monitor (Intermediate/Junior)	02 days/16-17 Feb/10hrs
6.	Training Course on Orphan Source Search & Recovery (Juniors)	04 days/19-22 Mar/20hrs
7.	Seminar on Regulatory Requirements of Physical Protection Systems of NPP (Senior)	01 day/02 Apr/05hrs
8.	Hands on Training on Radiation Detection Equipment (Juniors)	05 days/09-13 Apr/25hrs
9.	Training Course on Security of Radioactive Sources (Intermediate)	05 days/23-27 Apr/25hrs
10.	Train the Trainer Course on Physical Protection Equipments (Intermediate)	2 nd Week of May /25hrs
11.	Nuclear Security Culture Workshop (Senior/intermediate)	03 days/04-06 Jun/15hrs
12.	Advance Training Course on Physical Protection Inspections at Nuclear Facilities (Juniors)	10 days/02-13 Jul/50hrs
13.	Training Course on Transport Security (Intermediate)	05 days/27-31 Aug/25hrs
14.	Nuclear Forensic Workshop (Senior)	Oct/15 hrs)
15.	Workshop on Information Security (Senior)	02 days/13-14 Nov/10hrs
16.	Seminar on Reducing the Risk of Radioactivity in Scrap Metal Industry (Senior)	02 days/19-20 Dec/10hrs