

Emergency Response Training at the IAEA

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Emergency Response Training Officer

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Emergency Response Training at the IAEA



- Introduction
- Incident and Emergency System (IES)
 - Emergency Response Roles and Responsibilities
 - IES Response Structure
 - IES Training Structure
- Challenges, Lessons Learned



Incident and Emergency Centre (IEC)

Global focal point

for emergency preparedness and response for nuclear and radiological safety or security related emergencies, threats or events of media interest

and

world's centre for coordination of international emergency preparedness and response assistance



IEC
Incident and
Emergency Centre

Incident and Emergency Centre ADA ADDIS JOE Peace and





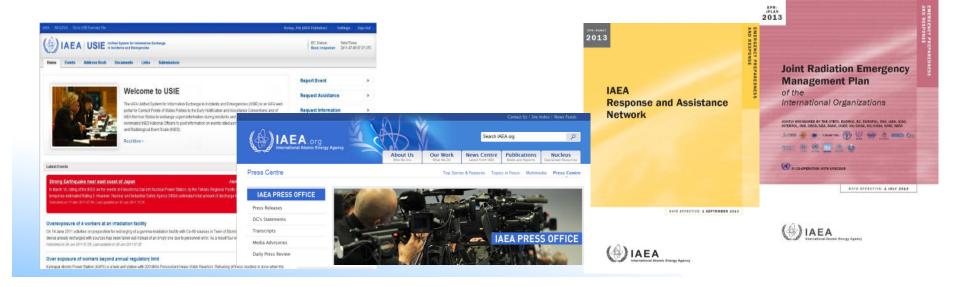
"Effective national and global response capabilities are essential to minimize the impacts from nuclear and radiological incidents and emergencies and to build public trust in the safety and security of nuclear technology. The Agency's Incident and Emergency Centre (IEC) is the global focal point for international preparedness and response to nuclear and radiological safety or security related incidents"

Yukiya Amano Director General of the IAFA

Emergency Response Roles and Responsibilities



- Notification and official information exchange: USIE
- Provision of public information
- Assessment of potential emergency consequences and prognosis of possible emergency progression
- Provision of assistance on request: RANET
- Coordination of inter-agency response: IACRNE



IES Response Structure



Director General

Deputy Director General Dept. of Nuclear Safety

IES Steering Group Policy matters and oversight

24/7 Coverage

Warning Point

Security Control Centre of UN Safety and **Security Service**

On-Call System

Initial response to incoming message

IEC

On-Duty System

Call-out list

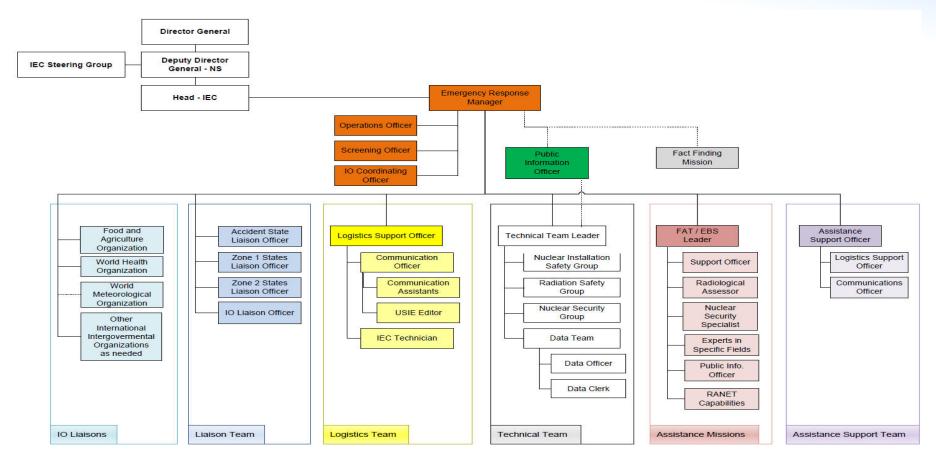
ON-CALL:

Emergency Response Manager Logistics Support Officer Radiation Safety Specialist Nuclear Installation Safety Specialist Nuclear Security Specialist External Event Specialist Public Information Officer

IES Response Structure



Full Response Mode organization chart:



Remarks:

- Positions are activated based on needs
- On-call officers continue to be available at all times
- In Basic response mode, more than one function may be assigned to a person

EBS External Based Support FAT Field Assistance Team

IEC Incident and Emergency Centre
IO International Organizations

OPIC Office of Public Information and Communication RANET Response and Assistance Network

JSIE Unified System for Information Exchange in Incidents and Emergencies

IES Training Structure



- Initial Certification in the IES
 - General Orientation Training (4 hours)
 - Team or Position Specific Training (2-3 hours)
 - Demonstration of Proficiency (4-5 hours)
- Maintaining or Expanding IES Certification
 - Team or Position Specific Training
 - Demonstration of Proficiency
- Demonstrations of Proficiency:
 Full Response / Convention Exercise, or actual Event Response activation

Challenges, Lessons Learned



• Pre-2015

- Whole-year schedule
- Short exercises
- 3-day Initial Training
- 1 hour/yearRefresher Training
- Individual e-mails for every training class
- Contact TrainingOfficer for details

2015 – Forward

- Monthly focus areas
- Expanded exercises
- 4 hour GeneralOrientation Training
- Standard AnnualTraining (~2-4 hours)
- Monthly e-mails with enrollment links
- IES Home Page

Challenges, Lessons Learned



Pre-2015

2015-Forward

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January 2014

Date	Time	Description	
27-29 Jan-2014		First Initial Training Course	

February 2014

Date	Time	Description
5-Feb-2014	10:00-12:00	ERM Initial Information Exchange/USIE
5-Feb-2014	14:00-15:00	Liaison Officer Training
6-Feb-2014	14:00-16:00	Tech Team Drill – Security
10-Feb-2014	14:00-15:00	Basic USIE Training
10-Feb-2014	15:00-16:00	Advanced USIE Training
11-Feb-2014	10:00-12:00	ERM/LSO Activation Drill
11-Feb-2014	14:00-16:00	NSS Assessment and Tools Training
12-Feb-2014	14:00-16:00	LSO Activation/Emergency Travel Training
13-Feb-2014	14:00-16:00	RSS Assessment and Tools Training
18-Feb-2014	10:00-11:00	Comms Officer Training
18-Feb-2014	14:00-16:00	Tech Team Drill - Radiation



Team	Te	chnical Team	(incl. On-Call)	Liaiso	n & Public Info	Officers	Lo					
Date Time			Class Name		Classes are requ							
					ERM	Ops	Scrn					
On-Ca	II ERM	Training										
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24 Ja			The contraction of	containge	123							
Respo	Response Management Team Training											
12 Ja	nuary	14:00 - 16:00	Full Response Ope	rations	YES	YES	Optional					
26 Ja	nuary	10:00 - 16:00	ruii kesponse Ope	Iations	153	153	Optional					
<u>18 Ja</u>	nuary	14:00 - 15:00	IEC Information So	reening	Optional	YES	YES					
25 Ja	nuary	14:00 - 15:00	TEC IIIIOIIIIatioii 30	reening	Ориони	22	TES					
11 Ja	nuary	14:00 - 15:30	USIE for Response	Mamt	YES	YES	Optional					
19 Ja	nuary	10:00 - 11:30	OSIL TOT RESPONSE	ivigilit	ILS	113	Optional					
Drills and Exercises												
To be	schedu	ıled individually	Task Perf. Evaluation	ns	YES							
Practio	Practical Session											
27 January 10:00 – 12:00			Practical Session No registration requir	ed	practic	rop-in" C Staff. you like						

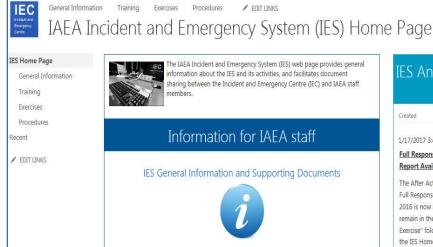
Challenges, Lessons Learned

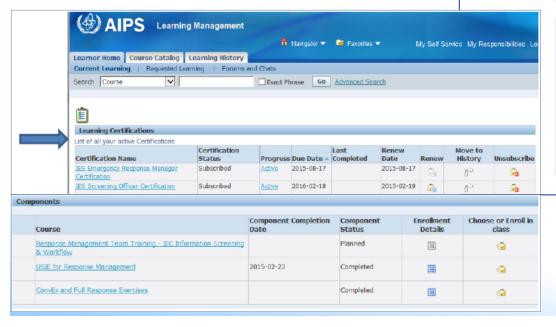


2015-Forward

Online Resources:

- IES Home Page
- HR website "AIPS" with *Learning* **Certifications**







IFS Announcements

Search this site

1/17/2017 3:41 PM

Created

Full Response Exercise After Action Report Available

The After Action Report from the recent Full Response Exercise on 13 December 2016 is now available for IAEA staff. It will remain in the "2016-12-13 Full Response Exercise" folder in the Exercise section of the IES Home Page. As always, we appreciate everyone's valuable feedback. Please contact the IEC Staff if you have any questions or concerns. Thank you!

11/18/2015 10:32 AM

New Files on the IES Home Page

Individuals can now directly access both the quarterly IES On-Call Roster as well as the Annual Training Plan through this site. Click the "General Information" link on the left-hand navigation menu, or the blue "i" icon in the centre of the page. Check back often to find new enhancements to the IES Home Page!

Lessons Learned, Results



	Pre-2015 (approx)	2015	2016
Number of IES Training Classes Offered	50	75	84
Hours of IES Training Classes Offered	100	131	147
Number of IES Responders	170	185	191
Participation "Met <u>or</u> Exceeded" Expectations	N/A	78%	81%
Participation "Exceeded" Expectations	N/A	11%	19%

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Thank You for your Attention!

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