ANNEX C
Analysis Tables

TABLE C1 Type of equipment involved
(Contributors are requested to circle one appropriate code)

Code		Number of incidents*
01	Diagnostic X-ray	3
02	Veterinary X-ray	0
03	Teletherapy	0
04	Brachytherapy	1
05	Nuclear medicine (therapy and diagnostic)	1
06	Baggage inspection/security	4
07	Gamma radiography site	15
08	Gamma radiography facility (permanent)	14
09	X-ray radiography site	2
10	X-ray radiography facility (permanent)	8
11	Irradiation facilities (X, gamma, electron)	0
12	Thickness gauges	6
13	Level gauges	6
14	Density/moisture gauges	12
15	Analytical equipment	2
16	X-ray optics	1
17	Electron beam equipment	0
18	Unsealed radioactive materials (not covered elsewhere)	5
19	Smoke detectors	1
20	Consumer products	0
21	Static eliminators	2
22	Laboratory/calibration sealed sources	4
23	Yield monitors on agricultural equipment	0
24	Radioactive waste treatment plant	0
25	Environmental tracer work	0
26	Processing of ore and scrap materials	10
27	Other (specify in text description)	3

*As the number of incidents is 100, the figures quoted for the number of incidents is also the percentage value (which will be relevant for comparison with future reports).

TABLE C2 Nature of incident/potential incident

(Contributors are requested to circle all relevant codes)

Code		Number of incidents*
a	Lost source	19
b	Damaged or defective equipment	31
c	Leaking source	8
d	Contaminated premises/equipment	19
e	Offsite contamination	2
f	Contamination of person(s) (external)	5
g	Contamination of person(s) (internal)	5
h	External whole body exposure	37
i	Localised exposure to external radiation	29
j	Unauthorised or unintended discharges	4
k	Dropped dosemeter/not worn	13
l	NAIR instigated	1
m	Other	10
X	Unknown	2

*As the number of incidents is 100, the figures quoted for the number of incidents is also the percentage value (which will be relevant for comparison with future reports).

TABLE C3 Exposure level

(Contributors are requested to circle one code only)

Code		Number of incidents*
1	Exposure insufficient to cause IRR85 investigation level to be exceeded (< 15 mSv whole body) or other dose limits to be exceeded	77
2	Exposure sufficient to cause IRR85 investigation level (15 mSv whole body) to be exceeded	4
3	Exposure sufficient for any dose limit to be exceeded but does less than code 4	7
4	Exposure $\geq$ 0.25 Sv to the whole body, blood forming organs or other critical organs, and/or $\geq$ 6 Sv to the skin locally, and/or $\geq$ 0.75 Sv to other tissues or organs from external/internal sources	2
X	Not known	10

*As the number of incidents is 100, the figures quoted for the number of incidents is also the percentage value (which will be relevant for comparison with future reports).

TABLE C4 Cause of incident

(Contributors are requested to circle up to four codes)

Code		Number of incidents*
a	Engineering failure – design/installation inadequate	13
b	Engineering failure – inadequate maintenance	13
c	Engineering failure – shielding/containment	5
d	Engineering failure – other	7
e	Inadequate local rules – operating procedures	29
f	Inadequate supervision of persons	22
g	Inadequate personal protective equipment (PPE)	0
h	Inadequate personal training	22
i	Failure in use of monitoring instruments	24
j	Error by worker	36
k	Deliberate or malicious act	4
l	Lost/stolen source	16
m	External factor, eg fire, corrosion	9
n	Other	11
x	Not known	11

*As the number of incidents is 100, the figures quoted for the number of incidents is also the percentage value (which will be relevant for comparison with future reports).

TABLE C5 Occupation of worker(s)
(Contributors are requested to circle up to four appropriate CIDI codes)

Code	Number of incidents*
00 Not known	0
01 Industrial radiography using a permanent installation	21
02 Industrial radiography on site or works of engineering construction	18
07 Radioactive waste treatment	1
08 Radiation protection	1
09 Luminising	0
10 Application and servicing of machines producing ionising radiation (other than those covered elsewhere)	6
11 Application and manipulation of radioactive substances (other than those covered elsewhere)	6
14 Transport work	1
15 Offshore work activities	1
16 Onshore drilling	2
17 Coal mining – underground workers	0
18 Coal mining – surface workers	0
19 Mining other minerals underground workers (non-coal)	0
20 Mining other minerals – surface workers (non-coal)	0
25 Dental work	2
26 Veterinary work	0
30 Doctors	0
31 Nurses	2
32 Radiographers	0
33 Physicists and physics technicians (medical applications only)	1
34 Other medical applications	0
40 Quarrying	0
41 Academic research and teaching	6
42 Industrial research	5
49 Defence related activities not covered elsewhere	0
51 Other industrial applications	21
52 Other occupations not mentioned above	5
99 Recycling of materials	10

*As the number of incidents is 100, the figures quoted for the number of incidents is also the percentage value (which will be relevant for comparison with future reports).