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OMB 0925-XXXX

Expires: XX/XX/XXXX

Liquidator's identification number: |\_| |\_|\_|

## STUDY OF THE HEALTH STATUS OF LIQUIDATORS

**Co-Worker Questionnaire** 

08/2001

Public reporting for this collection of information is estimated to average ½ hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. Send comments regarding this burden to: NIH, Project Clearance Office, 6705 Rockledge Drive, MSC 7974, Bethesda, MD 20892-7974, ATTN: PRA (0925-0401). Do not return the completed form to this address.

## Information on the liquidator from the Chornobyl Registry

	Chornobyl Registry	Corrections, if applicable
0.1 Last name	·	
0.2 First name		
0.3 Patronymic name		
0.4 Date of birth	day   _  month   _  19	day   _  month   _  19
0.5 Type of document us	sed for proof of identity	
	1 □ passport 2 □ military passport 3 □ other, specify	<ul><li>1 □ passport</li><li>2 □ military passport</li><li>3 □ other, specify</li></ul>
Serial number		
Number		
0.6 Home address		
ZIP code		
oblast, region		
raion	·	
if in city:		
city		
street		
street #	<u> _ _ </u>	
apartment #		
if in countryside:		
agricultural sovet		
settlement		
0.7 telephone number:	at work   _ _ _ _	at work  _ _ _ _ _
	at home   _ _ _ _	at home   _ _ _ _

Last, first and patronymic names of interview	ver
Date of interview:	day   _  month   _  year 19
Time interview began:	hours   _  minutes   _
Identity of respondent:	
Please indicate last, first and patronymic na	ame of respondent
Do you know the names and addresses him in the 30-km zone? If yes, please in	of other colleagues of Mr, who worked together wit dicate their:
Last, first and patronymic names	Address, telephone number
<del></del>	

1. Informatio	n on	the first mission to the 30-km zone	
zone. If there w	ere s	isk you about the reason for Mr's participation in the activities in the 30-k everal missions, please try to remember all of them and to describe the working conditions onditions outside the 30-km zone.	
1.1 Please tell	me wl	nich organization sent Mr to the 30-km zone (check one)?	
	2 🗆	regular army 4  Ministry of internal Affairs/KGB military reserve office (komisaryat) 5  other organization subordinated to the Nuclear Industry Ministry (including NPP)	
1.2 Please give sent to the		the exact name and location of that organization at the time Mr we note:	as
name			
oblast			
city/settlen	nent		
If name ha	s cha	nged, please give the new name	
1.3 Please tell	me wl	nen Mr started his mission   _  /    / 19	
1.4 Please tell	me wl	nen Mr ended his mission   _  /    / 19 _ _	
1.5 Did Mr		work shifts (check one)?	
	1 🗆	yes	
	2 🗆		
		both, indicate dates when worked shifts from    /    / 19   to    / 19	
	9 🗆	don't know	
		here Mr usually worked in the 30-km zone and what proportion of hep) was spent in the following conditions (check all that apply)	nis
	1 🗆	outside buildings and vehicles (outdoor)	
		<ul> <li>1 □ yes, specify proportion of time%</li> <li>2 □ no</li> <li>9 □ don't remember</li> </ul>	
	2 🗆	inside buildings  1 □ yes, specify proportion of time% 2 □ no	
	3 □	9 ☐ don't remember inside a vehicle (for example, car)	
	4 🗆	1 ☐ yes, specify proportion of time% 2 ☐ no 9 ☐ don't remember other, specify	
	- <del>-</del>	1  yes, specify proportion of time% 2  no 9  don't remember	

	9 ☐ don't remember v	where worked		
1.7 Pleas as th	se tell me – using the list of se ne following information <i>(inter</i> u	ettlements – the main areas where Mr. viewer should write down all the main s	settlements, one per li	_ worked, as well ne).
-	Settlement, raion	Date when started day/month/year	Duration (days)	Average number of hours per day
_	a	/   / 19	_	_
	b	/   / 19	_   _ _	
	C	/   / 19	_	
	d	/   / 19	_	_
	e	/   / 19	_	
settl	se tell me – using the list of sements closest to his place o main settlements, one per line	settlements – the main areas where f stay, as well as the following inform:	Mr ation <i>(interviewer sho</i> t	lived or the
	Settlement, raion	Date when started to live there, duration (days) and average number of hours per day	What was a typ where Mr mainly l	
	a	/    / 19  _	1 ☐ tent 2 ☐ wooden	
		days	3 D brick or concrete	
		hours / day	<ul><li>4 □ other, specify</li><li>9 □ don't remember</li></ul>	
	В	/    / 19  _	1 ☐ tent	
		days	2 ☐ wooden 3 ☐ brick or concrete	e block
		hours / day	4 □ other, specify 9 □ don't remember	
	c	<u>                                    </u>	1 ☐ tent	
		days	2 ☐ wooden 3 ☐ brick or concrete	e block
		_  hours / day	<ul><li>4 □ other, specify</li><li>9 □ don't remember</li></ul>	
	d	<u> _ _ / _  /19 _ </u>	1  tent	
		days	2 ☐ wooden 3 ☐ brick or concrete	e block
		hours / day	4 ☐ other, specify	
_			9 don't remember	

Settlement, rai	ion	Date when started to live there, duration (days) and average number of hours per day	What was a type where Mr mainly liv	
e		/    / 19       days     hours / day	1 ☐ tent 2 ☐ wooden 3 ☐ brick or concrete be depended on the temper of	
1.9 Please tell me the reasor	n why Mr.	left the zone after the mis	ssion <i>(check one).</i>	
1 ☐ his dose 2 ☐ his dose 3 ☐ his miss 4 ☐ illness 5 ☐ other, sp 9 ☐ don't rea  2. Conditions of work in the	e was higher was equal was even was over the solution was over the solution was a solution was even was a solution was a solut	er than the permissible level I to the permissible level er a zone during the first mission		
The following questions concurred type of work undertaken during		thods used for dosimetry, radiation p n the 30-km zone.	protection measures (if	applicable) and
2.1 Was Mr''s do	ose estimat	ted (check one)?		
"don't know" for each r personal dosimeter, ple	the method method; if ease indica	l and approximate period when it wa "yes" indicate requested information ate for each period the number of	n). If his dose was es	stimated with a
Method of estimation	pnotograph	Period		Number of dosimeter
With a personal dosimeter (see photographs from the booklet)	1 □ yes 2 □ no 9 □ don't	from  _ /  /19  _ to  from  _ / _  /19 _  _ to  from  _ / _  /19 _  _ to  from  _ / _  /19 _  _ to  remember	_  /  _ /19  _ _  /  /19   _  /  /19   _  /  /19	
By group dosimetry	1  yes 2  no 9  don't	from   /   /19   to  from   /  _ /19  _ to  from   /  /19  _ to  remember	_  /  _ /19  _ _  /  /19   _  /  /19	   

Method of estimation			Period	Number of dosimeter
By itinerary		1 □ yes	from  _ /  /19  _ to  _ /  /19	
			from  _ / _ _ /19  _ to  _ /  /19	
			from  _/  /19  _ to  _/  /19	Ī
		2 □ no		I
		9 □ don'	remember	
2.2 If Mr		had a personal d	esimeter, how often did he wear it (check one)?	
	1 🗆	all the time	3 ☐ sometimes at work	
	2 🗆	only at work	9 ☐ don't remember	
2.3 Was the c	losime	ter regularly returne	to the dosimetry service (check one)?	
	1 🗆	yes		
	2 🗆	no		
	9 🗖	don't remember		
If "yes", p		tell me how often (c		
		daily	5 always when dosimetry service ask	ked to return it
		once a week every two weeks	9 □ don't remember	
		once a month		
2.4 Did Mr		estimate his ov	n radiation dose while working (check one)?	
2.4 Dig ivii		yes	Tradiation dose write working (check one).	
	2 🗆	•		
	9 □	don't remember		
If "yes", w	hat wa	as his estimated dos	e?	
Indicate (	unit of o	estimated dose <i>(che</i>	ck one):	
		rem	4 other, specify	······································
	2 🗆		9 □ unknown	
		R (Roentgen)		
What wa			n exposure while staying in the 30-km zone? If you that received by his colleagues, explain why you think so	
2.5 Did Mr		participate in a	y of the following activities (check one of the boxes on ea	nch line)?
		Ту	pe of activity Yes No	Don't remember
Con	structio	on of sarcophagus o	n the industrial site of the ChNPP 1	9 □
		f the radioactive frag laces close to the ve	ments and pieces of graphite from the $1 \square 2 \square$ ntilation chimney	9 🗆
Dece	ontami	nation of the rooms	and equipment inside ChNPP buildings 1 D 2 D	9 □

	Type of activity	Yes	No	Don't remember
	Decontamination of industrial site and neighbourhood, including equipment outside ChNPP buildings	1 🗆	2 🗆	9 🗆
	Dosimetry service (razvedka)	1 🗆	2 🗆	9 □
	Decontamination of vehicles in PUSO (Points for strict sanitary clean-up)	1 🗆	2 🗆	9 🗖
	Repair and servicing of ChNPP equipment	1 🗆	2 🗆	9 🗆
	Other types of activities on the industrial site, specify	1 🗆	2 🗆	9 🗆
	— — — — — — — — — — — — — — — — — — —	4 🗖	2 <b>-</b>	٥П
	Decontamination activities and burial of radioactive waste outside the industrial site	1 🗆	2 🗆	9 🗆
	Construction of roads inside the 30-km zone	1 🗆	2 🗆	9 🗖
	Working as a driver	1 🗆	2 🗆	9 🗆
	Guarding of objects of ChNPP or inside the 30-km zone	1 🗆	2 🗆	9 🗆
	Other types of activities outside the industrial site, specify	1 🗆	2 🗆	9 🗆
	Mr ever use any of the following protective measures while e of the boxes on each line)?	working i	n the 3	0-km zone (check
	Type of protective measure	Yes	No	Don't remember
	Type of protective measure  Respirator or gas mask	Yes 1 □	No 2 □	Don't remember 9 □
	Respirator or gas mask	1 🗆	2 🗆	9 🗆
	Respirator or gas mask Gloves	1 🗆 1 🗖	2 🗆 2 🗆	9 🗆 9 🗆
	Respirator or gas mask Gloves Protective glasses	1	2	9 🗆 9 🗖 9 🗖
	Respirator or gas mask Gloves Protective glasses Protective clothes	1	2   2   2     2       2	9 🗆 9 🗖 9 🗖
	Respirator or gas mask Gloves Protective glasses Protective clothes Lead apron Vehicles with protective covering (armoured cars, lead sheets in	1	2   2   2   2   2     2     2	9    9    9    9    9
2.7 Did	Respirator or gas mask Gloves Protective glasses Protective clothes Lead apron Vehicles with protective covering (armoured cars, lead sheets in helicopters)	1	2   2   2     2     2     2       2	9    9    9    9    9    9
2.7 Did	Respirator or gas mask Gloves Protective glasses Protective clothes Lead apron Vehicles with protective covering (armoured cars, lead sheets in helicopters) Other, specify  Mr work on the industrial site of ChNPP (check one)?  1 □ yes	1	2   2   2     2     2     2       2	9    9    9    9    9    9
2.7 Did	Respirator or gas mask Gloves Protective glasses Protective clothes Lead apron Vehicles with protective covering (armoured cars, lead sheets in helicopters) Other, specify  Mr work on the industrial site of ChNPP (check one)?  1 □ yes 2 □ no	1	2   2   2     2     2     2       2	9
2.7 Did	Respirator or gas mask Gloves Protective glasses Protective clothes Lead apron Vehicles with protective covering (armoured cars, lead sheets in helicopters) Other, specify  Mr work on the industrial site of ChNPP (check one)?  1 □ yes	1	2   2   2     2     2     2       2	9    9    9    9    9    9
2.8 Did	Respirator or gas mask Gloves Protective glasses Protective clothes Lead apron Vehicles with protective covering (armoured cars, lead sheets in helicopters) Other, specify  Mr work on the industrial site of ChNPP (check one)?  1 □ yes 2 □ no	1	2	9    9    9    9    9    9
2.8 Did	Respirator or gas mask Gloves Protective glasses Protective clothes Lead apron Vehicles with protective covering (armoured cars, lead sheets in helicopters) Other, specify  Mr work on the industrial site of ChNPP (check one)?  1  yes 2  no 9  don't remember  Mr receive preparations of stable iodine during his particip	1	2	9    9    9    9    9    9
2.8 Did	Respirator or gas mask Gloves Protective glasses Protective clothes Lead apron Vehicles with protective covering (armoured cars, lead sheets in helicopters) Other, specify  Mr work on the industrial site of ChNPP (check one)?  1  yes 2  no 9  don't remember  Mr receive preparations of stable iodine during his participme (check one)?  1  yes 2  no	1	2	9    9    9    9    9    9
2.8 Did	Respirator or gas mask Gloves Protective glasses Protective clothes Lead apron Vehicles with protective covering (armoured cars, lead sheets in helicopters) Other, specify  Mr work on the industrial site of ChNPP (check one)?  1  yes 2  no 9  don't remember  Mr receive preparations of stable iodine during his participine (check one)?  1  yes	1	2	9    9    9    9    9    9

				from   _ /  19   to   /  19
	and	d nu	mber of t	ablets per day
3. D	es	crip	tion of	the first episode of work during the first participation in the 30-km zone
doing	g. If nnir	Mr.		ion I would like to ask you to remember in detail the work that Mr was usually worked in the 30-km zone during the first days after the accident - at the end of April and lease start from the episodes when Mr could have received the highest radiation
	as	well	as the e	here Mr worked (use the photographs, schemes and maps from Booklet - part Baxplanation of abbreviations- pp. 16-19 -, list of rooms - pp. 20-23- and of settlements -pp. 24-57 part A. Check all that apply):
			2    3    4    5	on the industrial site of the ChNPP inside buildings (complete section a) on the industrial site of the ChNPP on the roof of a building (complete section b) outside buildings at other locatios of the industrial site of the CNPP (complete section c) outside buildings and outside the industrial site of the CNPP (complete section c) inside vehicles - in the 30-km zone, including the industrial site (complete section d) don't remember ((go to question 3.2)
			Show m	trial site of the ChNPP inside buildings (if no, go to paragraphs b. and c.):  ne the building where Mr worked in (use the schemes and photos from Booklet and also explanation of abbreviations- pp. 16-19 - and list of rooms - pp. 20-23 - from Bookle
				Select one number and enter it).
		a.2		ng did it take for Mr to walk to the place where he worked after entering the (enter duration in minutes)?
		a.3	Did Mr.	pass more than two staircases on the way?
			1 🗆	yes
			2 🗆	
				don't remember
				as the size of the room Mr worked in (enter in m <sup>2</sup> )?   _
		a.5		ere any windows?
			1 🗆	
			2 🗆	
		_	_	don't remember
		a.6	•	were they covered with lead?
			1 🗆	
			2 🗆	
		. 7		don't remember
		a.1		as the colour of the walls <i>(check one)</i> ? white 5 □ green
				grey 6 D brown
				gold 7 □ other, specify
				silver 9 don't remember
		a 8		e door thick (check one)?
		u.0	1 🗆	
			2 🗆	
				don't remember

	a 9	What w	as the floor covered	with (check one	2)?			
	a.c		plastic	2 11111 (0770071 0770	•	wood		
			concrete			other, specif	V	
		_	tiles			don't remem	•	
	a 10		ere large machiner	v in the room <i>(ch</i>				
	u. 10		yes	y iii tiio rooiii ( <i>oir</i>	0011 01			
		2 🗆	•					
			don't remember					
	a 11	_	ore details describi	na hie workina ni	aca in	eide building:		
	a. 1 1	Give iii	ore details describi	ing mis working pr	ace iii	side building.		
								· · · · · · · · · · · · · · · · · · ·
b.	On t	he indus	strial site of the ChN	IPP on the roof o	f a bui	Idina:		
							the scheme	s and photos from Bookle
			, select one numbe	-		,		•
	b.2	Were of	her buildings nearb	y (check one)?				
		1 🗆	yes					
		2 🗆	no					
		9 □	don't remember					
			" please enter the i PP plant grounds fro		ngs fro	om scheme-n	nap of buildii	ngs and structures on the
		Ornvi	r plant grounds no	in bookiet.	1	11 1 1	1/1 11 1	/
	b.3	Was the	e roof Mr	worked on (c	heck o		-1 ' 1——1 1——1	
			higher than other	•				
			lower than other b	•				
			don't remember?	aago :				
	h 4	_	roof have different	levels (check on	e)?			
	Σ		yes	iovolo (orroon orr	<b>O</b> ).			
		2 🗆	•					
			don't remember					
	h 5	_	as the size of the r	oof? (enter in m²	`			1 1 1 1
			aterial was the roof	,		no12		
	0.0		concrete	covered with (ci		asphalt		
			asbestos sheets			other, specif	N.	
			wood			don't remem	•	<del></del>
	h 7		e roof damaged nea	or the place wher				ck one)?
	0.7		yes	in the place when	C IVII.	·	worked (crie	ck one):
		2 🗆	•					
			don't remember					
	h O	_		motoriala noar t	ha nla	oo whoro Mr		worked (abook ana)?
	ม.ช			: materiais near t	ne pia	ce where Mr.		_ worked <i>(check one</i> )?
			yes					
		2 🗆						
	L ^		don't remember		7.1	1 >0		
	b.9		was the staircase le	•	(chec	k one)'?		
			outside the buildir	=				
			inside the building					
		9 □	don't remember					

	b.10	O Give mo	re details describing his working	place or	the roof:
C.	Out	side buildi	ngs:		
	c.1		the number of the building he w		f the ChNPP, but not on the roof of a building, please arby (use the schemes and photos from Booklet and
	c.2				al site of the ChNPP, please indicate the name of ne worked (use the maps and lists of settlements):
	c.3	1 □ 2 □ 3 □	ere following landmarks near the buildings electricity pylons other, specify don't remember	place M	worked (check all that apply)?
	c.4	1 🗆 2 🗖	I of machinery was nearby <i>(che</i> bulldozers dump trucks excavators	4 □ 5 □	cranes other machinery, specify don't remember
	c.5	1 □ 2 □ 3 □	s under his feet (check one)? earth gravel concrete asphalt	6 □	sand other, specify don't remember
	c.6	Were the 1 □ 2 □	reproceduries to reduce the dus	st level <i>(c</i>	heck one)?
	c.7	Give mor	e details describing Mr	's w	orking place:
d.		Indicate to 1	dump truck	work 5	

		d.2 Did the vehicle have protective covering <i>(check one)</i> ?  1 □ yes  2 □ no  9 □ don't remember
		If "yes" describe it:  d.3 Describe the routes which were followed: roads, settlements, production sites (use the maps and list of settlements)::
3.2	Tyr	be of activities in the episode:
	a.	Please describe in detail the work that was done, including, if appropriate, the tools and devices that we used.
	b.	How did Mr work (check one)?  1 □ in a group 2 □ alone
	C.	9 □ don't remember  Did Mr work in "mogilnik" (places where radioactive wastes were buried) (check one)?  1 □ yes 2 □ no 9 □ don't remember
3.3	Co	ommuting to the place of work in the episode:
	a.	What type of transportation did Mr use to commute back and forth to his working place (check one 1
	b.	Please describe the route Mr followed to get to his working place (use the maps and lists settlements):  from where he started to where he went
		landmarks along the route
	C.	Did Mr change vehicles while commuting (check one)?  1 □ yes 2 □ no 9 □ don't remember
		If "yes" specify where he did it
	d.	How long did it take from the place where Mr lived to get to the place where he worked at back (enter in minutes)?

e. Die	Mr walk to his working place after getting out from the vehicle (check one)	?
	1 □ yes	
	2  no	
	9 ☐ don't remember	
	yes" please enter the duration of the walk in minutes	
f. Ple	ase describe the route Mr followed to get back from his working place:	
fı	om where he started	
to	where did he go	
la	ndmarks along the route	
3.4 Meals	and leisure in the episode	
a. Wi	ere did Mr take his meals during working hours (use maps and photos from B	• •
	1 □ outside a building (enter the number of the closest building from the map or so name of settlement):	neme or enter
	2 ☐ inside a building (enter the number of the building from the map or scheme or settlement):	enter name of
	3 ☐ inside a vehicle (specify which)	
	9 ☐ don't remember	
b. Ho	v did Mr get to the place where he ate (check one)?	
	1 on foot	
	2 D by transport	
	9 ☐ don't remember	
If b	transport, please indicate how long it took (enter duration in minutes)?	_
and	route	
c. Ho	v long was his lunch break (enter duration in minutes)?	
	ere did Mr rest during breaks (use the maps and photos from Booklet uswer)?	and check the
	1 □ outside a building (enter the number of the closest building from the map and senter name of settlement):	scheme 2-3 or
	2 ☐ inside a building (enter the number of the building from the map or scheme 2-3 of settlement):	3 or enter name
	3 ☐ inside a vehicle (specify which)	
	9 ☐ don't remember	
e. Ho	v did Mr get to the place where he rested (check one)?	
	1 ☐ on foot	
	2 D by transport	
	9 ☐ don't remember	
	transport, please indicate how long it took (enter duration in minutes)?	
	route	
ī. HC	v long did he rest during his working day (enter duration in minutes)?	Ill
3.5 Working	g period in the episode: from   _ /  /19   to   /	_ /19  _

Working days in the episode: (circle the days that apply if the liquidator worked in April-May-June 1986, and circle the months if he worked later - starting from July 1986 until the end of 1987)

	April / May 1986						
М	Τ	W	Th	F	S	S	
21	22	23	24	25	26	27	
28	29	30	1	2	3	4	
5	6	7	8	9	10	11	
12	13	14	15	16	17	18	
19	20	21	22	23	24	25	
26	27	28	29	30	31		

3.6

3.7

	June 1986							
М	Τ	W	Th	F	S	S		
						1		
2	3	4	5	6	8	8		
9	10	11	12	13	14	15		
16	17	18	19	20	21	22		
23	24	25	26	27	28	29		
30								

1986	1987		
Jul	Jan	Jul	
Aug	Feb	Aug	
Sep	Mar	Sep	
Oct.	Apr	Oct	
Nov	May	Nov	
Dec	Jun	Dec	

	26	27 2	28 29	30	31		30			
Nu	mber o	f worki	ng days	s in the	episode (o	n av	verage))			_
Do	simetrio	c contr	ol in the	e episo	de:					
		r 1 🛭 2 🗖	yes	_ chanç	ge his cloth	es b	pefore work (check one)?			
b.		1 🗆 2 🗖 9 🗖	yes no don't r	ememl	per		ately upon arrival (check one)?			
C.		r 1	yes no	_ pass	through cor		efore he started his work in minutes I points for checking radioactive contan	ninati	on <i>(che</i>	III ck one)?
d.	Did M	r 1 🛭 2 🗖	yes	_ pass	through cor	ntain	ners filled with potassium permanganat	e (cł	neck one	s)?
e.	Did a one)	? 1 🗆 2 🗖	yes			n sit	tuation during Mr's work	or w	as one	nearby (check
f.	Did hi	s supe 1 🏻 2 🗖	rvisor c yes	ommur	nicate with a	a do	osimetrist (check one)?			
g.	Was th	1 🗆 2 🗖	yes		ne military ( per	'che	eck one)?			

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3.8 `	You	ur comments concerning the episode:
	a.	Do you think that the activities described above were well organised and under the control of a supervisor dosimetrist, etc. <i>(check one)</i> ?  1 □ yes 2 □ no 9 □ don't remember
	b.	What surprised you during your work?
	c.	Please give any comments concerning activities in the episode.
		nclusion
		ank you very much for answering my questions. Please use the lines below for any additional comments you ay have.
		<del>_</del>
Time	e ir	nterview ended: hours    minutes

5. Questions to t	the interviewer	
5.1 Location of inter	,	
	polyclinic	
2 🗆	other, specify	
5.2 Was responden	nt responsive (check one)?	
	no (was uninterested, reticent)	
	fairly cooperative and responsive	
3 □	l very cooperative , helpful	
5.3 How well did th	ne respondent seem to remember the	details of his co-worker's work in the 30-km zone (check
,	l very well	4 □ not well
2 □	] well	5 □ not at all
3 □	1 fairly well	
		ted on the industrial site of the ChNPP, how confident are ow he described his work, proposed maps, schemes and
1 □	I am confident	
	I am not sure	
	I do not think that he worked on the	
	I co-worker answered that the liquida I I don't know	ator didn't work on the industrial site
explain wi	hy you think so	
interview. In particular from the responden	lar, please provide further details and nt, if you find them to be relevant; ple quality of his answers (such as: was h	respondent's answers and your general comments on the linformation, not covered in the questionnaire but received ase give all details about the respondent's state that might ne/she ill? did he/she have a problem? or was he/she in a