

September 1, 2005

U.S. Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555-0001

Subject: **Docket Nos. 50-361, 50-362 and 50-206
Response to Request for Additional Information for "Application for
Use of Higher Assigned Protection Factor for Delta Protection Suit"
San Onofre Nuclear Generating Station Units 1, 2, and 3**

Dear Sir or Madam:

This letter provides responses to Nuclear Regulatory Commission staff questions on Southern California Edison's application for use of a higher assigned protection factor for the Delta Protection Suit.

If you have any questions, please contact Mike Russell at (949) 368-7638.

Sincerely,



Enclosure with attachments

cc: w/ enclosure

B. S. Mallett, Regional Administrator, NRC Region IV
D. B. Spitzberg, NRC Region IV, San Onofre Unit 1
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ENCLOSURE

**SAN ONOFRE NUCLEAR GENERATING STATION UNITS 1, 2, AND 3
RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION FOR
"APPLICATION FOR USE OF ASSIGNED PROTECTION FACTOR
FOR DELTA PROTECTION SUIT"**

REQUEST FOR ADDITIONAL INFORMATION (RAI) 1

(Section 3.0) In order to facilitate the staff's review of your application, provide copies of the four Delta Protection documents listed in this section.

The March 4, 2003 application from Duke Power to use the Delta Suit with a higher APF included the reference document, European Standard EN 1073-1, "Protective Clothing Against Radioactive Contamination", dated January 1998. The Application from SCE references the document, European Standard CEN/TC 162 N 738, "Protection Against Radioactive Contamination", dated July 1996. Describe the differences between these two documents and justify why you referenced the earlier European Standard CEN/TC 162 N 738 in your application.

RESPONSE TO RAI 1:

Per our discussion with NRC Staff subsequent to the receipt of the RAI, copies of the first and third references cited in our application are included with this enclosure as attachments. The other documents cited in our application are available in the NRC's Agency Document Access and Management System (ADAMS), in connection with the Florida Power and Light application (reference number L-2004-232). Approval of that application is cited as precedent in Section 6 of our application.

The SCE Application referred to an earlier version of the "European Standard" for testing and acceptance criteria for certification of the suit. The SCE application should have referred to European Standard EN 1073-1, "Protective Clothing Against Radioactive Contamination", dated January 1998.

RAI 2

(Section 3.0--Need for Higher Protection Factor) Section 20.1705 (a) of 10 CFR Part 20 states that a licensee requesting the use of higher assigned protection factors shall describe "the situation for which a need exists for higher protection factors". Sections 3.1 and 3.2 of your application do not fully describe the need for higher protection factors.

- Describe the targeted areas at SONGS where you plan to use the Delta Suit to minimize the potential for personnel exposures/contamination.
- Describe what type of respiratory protection you are currently using to minimize personnel exposures/contamination in these situations, and describe why the use of the Delta Suit will be preferable to the current methods of respiratory protection being used at SONGS with respect to minimizing personnel exposures/contaminations.
- Verify that the Delta Suit will only be used during normal (non-emergency) operations and will not be used in atmospheres, which are immediately dangerous to life and health (IDLH).

RESPONSE TO RAI 2:

- The areas at SONGS where SCE plans to use the Delta Suit to minimize personnel exposure/contamination include any radiation area with high contamination or potential for high airborne radioactivity. Examples of these areas include the steam generator primary man-way, underneath the reactor head or pressurizer, and in the reactor cavity.
- The type of respiratory protection currently used at SONGS is the Nuclear Power Outfitters Model SAR101/111 Series NIOSH-certified bubblehood. The Delta Protection suit is preferable to the bubblehood because the safety features of the Delta Suit eliminate the need for a standby rescuer person (per 10CFR20.1703(f)), thus helping minimize occupational radiation exposure.
- The Delta Suit will only be used during normal (non-emergency) operations and will not be used in atmospheres that are immediately dangerous to life and health.

RAI 3

(Section 3.0) The main body of your application does not contain a physical description of the Mururoa V4 MTH2 atmosphere-supplying suit, which you are requesting permission to use with an assigned protection factor of 5,000. Provide a detailed description of this suit and its construction. In addition, describe the safety features associated with this suit, which make it a more desirable suit to use than the respiratory protective equipment currently in use at SONGS for similar work conditions.

RESPONSE TO RAI 3:

The description, construction, and safety features of the Delta Suit per Attachments 1 and 2 are summarized as follows:

- 1) One piece, single use suit that includes welded gloves and booties with tie straps.
- 2) Suit made of white polyethylene, with a large PVC helmet that includes a distortion-free faceplate.
- 3) Control valve for adjusting but not blocking airflow.
- 4) A manifold system that distributes air for improved cooling.

Safety Features

- 1) A removable strip near the mouth that can be used for emergency breathing in case of loss of supplied air.
- 2) An escape strip on both wrists that can be pulled over the head and toward the other wrist to rip the suit into halves.
- 3) A silencer bag to reduce noise.

- 4) Two exhaust valves to prevent over-pressurization.

The safety features of the Delta Suit make it more desirable than the bubblehood currently in use at SONGS for similar work conditions because the need for a standby rescue person is eliminated, thus helping maintain occupational exposures ALARA.

RAI 4

(Section 4.0 - Commitments) In Section 4.0 of your application, you commit to develop new lesson plans that use hands-on and classroom instruction for training wearers and Radiation Protection personnel in the usage, dress-out, storage, and reasons to leave the work zone in accordance with the manufacturer's "M.T.H.2, Instructions for Use," dated 12/00. Identify any parts of your new lesson plans which will deviate from the manufacturer's suggested usage procedures as described in "M.T.H.2, Instructions for Use," dated 12/00.

RESPONSE TO RAI 4:

Our application described one minor modification to the manufacturer's "M.T.H.2, Instructions for Use" (visual inspection after the packaging material has been removed). No additional deviations will be made in our lesson plans.

RAI 5

(Section 4.3) The Delta Protection document entitled "Mururoa V4 Fully Enclosed Suit- General Description" dated 06/09/01 states, on page 4 of 5, that the feeding pressure of the Mururoa V4 suit should be 85 PSIG (6 bar). However, Section 4.3 of your application states that air shall be supplied to the Delta Suit at 87 PSIG +/- 10%. 87 PSIG less 10% is 78.3 PSIG, which is less than the feeding pressure specified in Delta Protection's General Description document. Provide your justification for specifying feeding pressure air, which is less than the feeding pressure specified in the design manual.

RESPONSE TO RAI 5:

The manufacturer's General Description lists several feeding pressures. The feeding pressures associated with the performance testing are specified on page 8 (quoted below) in the certification document, (Institute for Nuclear Protection and Security, "Certificate No. 0073/197/162/01/96/001", issued for the Mururoa V4 MTH2, dated January 10th 1996). When taking credit for the requested higher assigned protection factor of 5000, SCE commits to these supply pressures.

*2.3.7 Air Supply flow rate (paragraph 5.2.8. of the PrEN 1073)

The test is carried out according to the PrEN 1073 standard (paragraph 6.3).


Result:

Minimal flow rate: 30 m³.h⁻¹ (500 l/min) for a 6 Bar supply pressure
Maximal flow rate: 60 m³.h⁻¹ (1100 l/min) for a 5.5 Bar supply pressure"

ATTACHMENT 1

MURUROA V4 FULLY ENCLOSED SUIT

GENERAL DESCRIPTION


N°: Do / USA / 1	MURUROA V4 FULLY ENCLOSED SUIT GENERAL DESCRIPTION	 DELTA PROTECTION ☎ 04 66 89 18 36
INDICE : a		
DATE D'APPLICATION :06/09/01		
PAGE :1/45 <small>1060</small>		

MURUROA SUIT

The Mururoa suit is a single use garment designed to be used in radioactively contaminated environments. It has been widely used in western European Nuclear Power Plants for more than 20 years, without any major problem (the French state company: Electricité de France use 60,000 garments each year).

The Mururoa suit is a fully enclosed PVC plastic, supplied-air and pressurized suit, that offers excellent protection factor (~100,000) against any solid, liquid, or gas pollutant, minimizing discomfort and heat stress and increasing the worker's efficiency.


The Mururoa suit is C.E. approved and complies with CE standard EN:1073-1 "Protective clothing against Radioactive Contamination"
 It also fulfils the requirements of the I.S.O. 8194 standard "Radiation Protection-Clothing for protection against Radioactive contamination-Design selection ,testing and use"

N°: Do / USA / 1	MURUROA V4 FULLY ENCLOSED SUIT GENERAL DESCRIPTION	 DELTA PROTECTION ☎ 04 66 89 18 36
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VENTILATION / EXHAUST


In the supplied-air Mururoa suit, the ventilation system is composed of

- An airflow control valve, preset to a minimum flow of 250 litres/minute (9 CFM) at 3 bar (42 PSIG), located on the right hip and covered with a protection flap. This flow can be adjusted, from 250 to 1150 litres (9 CFM to 41 CFM) per minute. 1150 litres is obtained with the tap fully opened at the feeding pressure of 6 bar (85 PSIG) (refer to graph in annex 11).
- A silencer bag which attenuates the noise level less than 58 dBa at 250 litres/minutes to 76 dBa at 1150 litres/minute.
- A manifold system welded to the suit and distributing the air to the helmet, the legs and the arms.
- An exhaust by two world patented valves placed in the helmet and in the back. These valves ensure a remarkable airtight seal in case of accidental air-feed cut off, or when putting the suit in under pressure through abrupt movements. The valves regulate the overpressure in the garment between 3 mbar (0.042 PSIG) and 10 mbar (0.142 PSIG) for supply air pressure between 3 bar (42 PSIG) and 6 bar (85 PSIG)
- The benefits of this system are
 - High heat removal through superior airflow
 - Non irritating diffuse ventilation
 - Resistance free breathing
 - High level of comfort for long and strenuous jobs in contaminated areas
 - Very low noise level

N°: Do / USA / 1	MURUROA V4 FULLY ENCLOSED SUIT GENERAL DESCRIPTION	 DELTA PROTECTION ☎ 04 66 89 18 36
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DESIGN CHARACTERISTICS

- One piece PVC, fire proof suit. (Thickness 20/100mm for technical data concerning the material, refer Annex I of this document)
- Welded PVC gloves
- Incorporated overboots with strengthened sole
- Binding ties on the overboots
- Reinforced elbows, knees and crotch
- Dual zipper system:
 - metal zipper for mechanical strength
 - PVC zipper for air and gas tightness (0.30 PVC thickness)
- Supple transparent PVC helmet, fitted with a transparent distortion free, PVC face plate 6"x 8" giving almost the same optical quality as glass.
- Quick release strip from forearm, overhead to forearm, for easy removal. This is used both for undressing or emergency egress. (Emergency egress takes less than 3 seconds).
- Quick release strip for access to the mouth.
- Welded sleeve for communication cable.

N°: Do / USA / 1	MURUROA V4 FULLY ENCLOSED SUIT GENERAL DESCRIPTION	 DELTA PROTECTION © 04 66 89 18 36
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GENERAL CONSIDERATIONS

THE MURUROA SUIT IS AVAILABLE IN SIX SIZES


Size 0	1,55 m	→	1,62 meter	5 feet 1 inch	→	5 feet 4 inches
Size 1	1,60	→	1,68 meter	5'3"	→	5'6"
Size 2	1,68	→	1,74 meter	5'6"	→	5'8"
Size 3	1,74	→	1,82 meter	5'8"	→	6'0"
Size 4	1,82	→	1,92 meter	6'0"	→	6'3"
Size 5	1,92	→	2,05 meter	6'3"	→	6'8"

But if any individual selects a suit size different from the recommended size, the operating and safety characteristics will not change.

WEIGHT	1200 grams (2.64 LBS)
FEEDING PRESSURE	6 bar (85 PSIG)
FLOW	450 up to 1150 Lit/minute (16 - 41 CFM)

STORAGE

- The suit should be used by the third year from the date of manufacture.
- It must be stored in its original packaging.
- The storage temperature has to stay between 0°C and 60°C (32°F - 140°F)
- If the storage temperature was below 5°C (41°F) the suit must be stored approximately 3 hours at a room temperature until the suit become flexible.
- The usage temperature range + 5° C and + 55°C (41° - 131°F) depends on air fed temperature

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MATERIAL PROPERTIES

Technical characteristic of PVC material 20/100 mm using French standards, which would correspond to ANSI standards.

<i>Characteristic</i>	<i>Standards</i>	<i>Results</i>	<i>Units</i>
Density	NFT 51063	1.38	gm/cm ³
Traction Resistance	NFT 54102	≥ 143	N/cm ² .
Stretch before tear	NFT 54102	≥ 178	%
Tear resistance	NFT 46007	≥ 45	N/cm ²
Weld resistance than material resistance	NFT 54122	Peel 50 Tear 65	%
Resistance to cold	NFT 51102	-10	°C
Vapour permeability	NFH 00030	34.1	g/m ² /24h
Volatility on activated charcoal	NFT 51167	≤ 6	%
Spark perforation	NFC 26225	9.2	KV

ATTACHMENT 2

INSTITUTE FOR NUCLEAR PROTECTION AND SECURITY
Technical Center for Nuclear Equipment Certification

EC TYPE EXAMINATION CERTIFICATE
NO. 0073/197/162/01/96/0001

Date: January 10th 1996



INSTITUTE FOR NUCLEAR PROTECTION AND SECURITY

Technical Center for Nuclear Equipment Certification

In accordance with the directive 89/686/EEC dated December 21th 1989 comparing the laws of the States Members Legislations relative to the Personal Protective Equipments, and the decrees n° 92-765, 766 and 768 dated July 29th 1992 transposing the directive into French Laws.

The organisation here below mentioned (IPSN / CTHEN) whose references are as follows:

- Address : B.P. n° 6 – 92265 Fontenay-aux-Roses Cedex (France).
- Empowered by Order of the Ministries of Employment and Agriculture dated December 24th 1996.
- Identified under the n° 0073 (published in the EEC Official Publication dated July 23th 1994).

Assigns the :



To the following Personal Protective Equipment model:

- Designation: Ventilated Protective Suit against Radioactive Contamination pressurised for a single use only.
- Commercial reference : *MTH 2 – ref. 841 442 T.*
- Manufacturer : DELTA PROTECTION / REDI – 69 210 Saint-Germain-Sur-L'Abresle.
- Certificate applicant : DELTA PROTECTION – Z.A. De Berret-30200 Bagnols-Sur-Ceze.
- Essential Requirements Reference : EN 143, pr EN 1073 (nov. 1995), pr EN 943 (august 1995), EN 270, EN 146.

Date : January 10th 1996
G.BRUHL / Chief of CTHEN

Nota : According to article R 223-62 of the "Working Law", the empowered organisation should be informed of any modification made to the material subject of this EEC type examination certificate, as well as of any modification made to the contents of this technical file on which the delivered type certificate was based on (address, manufacturer name, quality insurance certificate extract, ...)

This certificate contains 12 pages n° 1/9 to 9/9

1. DESCRIPTION

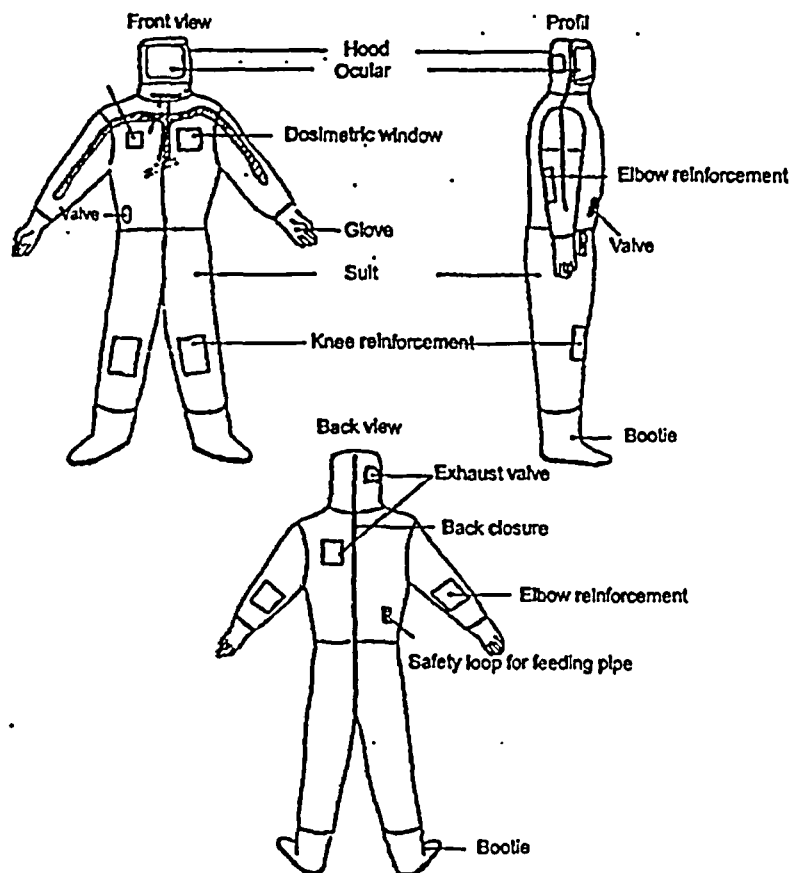
It is a Ventilated Protective Suit against Radioactive Contamination ventilated type – pressurised for a single use only, its name is:

MTH2 – ref. DELTA: 841 442 T

The T values are defined according to the size of the suit.

The suit includes:

- A air tight suit with an incorporated hood
- A suit fastening system located on the back of the suit.
- A breathable air flow supply system.
- A air exhaust device.
- A safety strip for emergency opening located on the hood.



1.1. MAIN MATERIALS

- **Skin of the suit :**

White polyethylene: Ethyfuge 2000 Thickness: 24/100 mm

- **Hood:**

PE Cristal – 30/100 mm thickness.

- **Visor:**

PVC (astraglass) 50/100 mm thickness.

- **Gloves:**

PVC Sempersoft type – Size 9-9 1/2, and Semperstar type – size 10-10 1/2..

- **Boots :**

Polyethylene – 24/100 mm thickness , reinforced with PE cristal.

1.2. COMPONENTS

- **Internal Ventilation System :**

It includes a total ventilation V4 fitted with a valve with CEJN (réf:342) butt.

- **Exhaust:**

It includes two exhaust valves located on the head and on the back of the suit.

- **Fastening device:**

It includes a double zip fastener located vertically on the back of the suit.

- **Other components:**

The suit includes:

- A safety strip for an emergency opening located on the hood.
- A acoustic link tunnel.
- A loop for breathable air supply pipe.
- Several internal strengthening pieces for elbows, knees and legs.
- A transparent window to visualise the dosimeter.

2. CONFORMITY TO REQUIREMENTS

2.1. REQUIREMENTS FOR THE MATERIALS (except accessories: Gloves, slippers...) (See paragraph 5.1. of the prEN 1073)

2.1.1. Abrasion Resistance

Test according to the Norm EN 530 – method 2 (abrasive paper 00). The classification is carried out according to the following diagram:

Class	Number of cycles
6	> 2 000 cycles
5	> 1500 cycles
4	> 1 000 cycles
3	> 500 cycles
2	> 100 cycles
1	> 10 cycles

Results: Class 6 for Ethyfuge 2000 – 24/100 mm thickness.
Class 6 for PVC.

2.1.2. Flex cracking Resistance

Test according to the Norm ISO 7854 – method B. The classification is carried out according to the following diagram :

Class	Number of cycles
6	> 100 000 cycles
5	> 40 000 cycles
4	> 15 000 cycles
3	> 5 000 cycles
2	> 2 500 cycles
1	> 1 000 cycles

This test is not applicable to suits for one single use only.

2.1.3. Puncture Resistance

Test according to the Norm EN 863. The classification is carried out according to the following diagram :

Class	Puncture resistance
3	> 100 N
2	> 50 N
1	> 10 N

Results: Class 1 for Ethyfuge 2000 – 24/100 mm thickness.
Class 2 for PE cristal.

2.1.4. Resistance in blocking

Test according to the Norm ISO 5978. The classification is carried out according to the following diagram:

Class	Comments
2	non stick
1	sticky

This test is not applicable to non-coated materials.

2.1.5. Tear Resistance

Test according to the Norm ISO 9073-4. The classification is according to the following diagram:

Class	Applied strength
6	> 150 N
5	> 80 N
4	> 40 N
3	> 20 N
2	> 10 N
1	> 2 N

Results :. Class 4 for Ethyfuqe 2000 – 24/100 mm thickness.
Class 3 for PE Cristal.

2.1.6. Flammability of materials, visors, and ancillary parts

Tests are carried out according to the Norms EN 1146 – single burner test (paragraph 7.5.3).

Results: Test requirements entirely fulfilled.

2.2. REQUIREMENTS FOR THE ACCESSORIES

2.2.1. Gloves

The gloves set on the MTH2 ref. 841 442 T comply with the specific requirements for this type of Individual Protection Equipment, mainly to the Norm EN 421 "Protective Gloves against ionizer radiation and radioactive contamination".

They have Special EC Examination Certificates (ECEC) based on contracted tests.

2.2.2. Boots

The boots are part and parcel of the suit and are made of the same constituted material.

Consequently they comply with the requirements.

2.3. REQUIREMENTS FOR THE PROTECTIVE SUIT

2.3.1. Suit Design: Practical Performance Test

The Practical Performance Test is carried out according to the prEN 1073 (paragraph 6.2.).
The conditioning is according to the manufacturer directions for use.

Parameters	Valuations
a) Harness comfort	Aimless
b) Security of fastenings & couplings	Good
c) Accessibility of adjusting devices	Good
d) Clarity of vision through visor	Good
e) Suit comfort	Good
g) Other parameters	No particular notice

2.3.2. Fit Factor (paragraph 5.2.2. of the pr EN 1073)

The protection factor is determined according to the PrEN 944 standard (paragraph 8.9) by respecting the sequences indicated in Annex A of the PrEN 1073.

The mean leakage value (or inversely, the protection factor) enables a clothing classification according to the following table. The preconditioning according to the instructions for use recommendations.

Ventilated pressurised Suit classification	Maximum accepted values, in %, of the ratio of the average Inward Leakage inside the hood, calculated on the whole lot of suits		FIT FACTOR
	For One activity	For all activities	
5	0.004	0.002	50 000
4	0.010	0.005	20 000
3	0.020	0.010	10 000
2	0.040	0.020	5 000
1	0.100	0.050	2 000

Results : The suit is classified 5.

2.3.3.1. Seams, Joins and Assemblages pull test resistance**2.3.3.1. Seams / Welds (paragraph 5.2.3.1 of the pr EN 1073)**

A sample of each type of seam/weld is tested according to the Norm ISO 5082 (annex 2).
The seam performance level is according to the following classification:

Class	Seam resistance (N)
5	> 300
4	> 125
3	> 75
2	> 50
1	> 30

The tests have been applied to the following welds:

- Elbow and knee reinforcement
- Crotch assembly
- Belt assembly
- Booties assembly

Results : All the welds are classified 3.

2.3.3.2. Joins and Assemblages (paragraph 5.2.3.2. - prEN 1073)

This suit has no removable parts. This paragraph is aimless.

2.3.4 Gas tight (paragraph 5.2.4. of prEN 1073).

The test was carried out according to the EN 464 standard . The loss of pressure shall not be greater than 4 mbar in 6 minutes.

Results : Test not undertaken as the clothing is not considered as a gaslight suit.

2.3.5. Visors (paragraph 5.2.5. of prEN 1073)

The distortion of vision is measured, during the Practical Performance. The mechanical resistance test of the visor is according to the Norm EN 146 (paragraph 6.6 and 6.7.).

Results : Distortion of vision : Up to requirement.
Mechanical resistance : up to requirement.

2.3.6. Air supply system (paragraph 5.2.6. of the pr EN 1073)

The couplings and connections must comply with the requirements of the paragraphs 6.7.1., 6.7.2., and 6.11.7. of the EN 270. The connection between the compressed air supply system and the suit must resist to a 250 N pull.

Result: requirement entirely fulfilled.

2.3.6. Breathing Hose (paragraph 5.2.7. of the pr EN 1073)

Tests are performed according to the EN 270 (paragraph 7.2. and 7.6). The pipes must not block the movements nor cause a rupture of the air supply during the Practical Performance Test.

Result: No constraint.

2.3.7. Air supply flow rate (paragraph 5.2.8. of the PrEN 1073)

The test is carried out according to the PrEN 1073 standard (paragraph 6.3).

Result:

Minimal flow rate: $30 \text{ m}^3 \cdot \text{h}^{-1}$ ($500 \text{ l} \cdot \text{min}^{-1}$) for a 6 Bar supply pressure
Maximal flow rate: $66 \text{ m}^3 \cdot \text{h}^{-1}$ ($1100 \text{ l} \cdot \text{min}^{-1}$) for a 5.5 Bar supply pressure

2.3.8. Air flow rate warning device (paragraph 5.2.9. of the pr EN 1073)

If a warning is fitted, it must comply to the EN 270 (paragraph 6.13.3). The test must be carried out according to the EN 270 (paragraph 7.12). The sound level must be higher than 85 dB(A).

Result: Aimless (there is no sonic warning device).

2.3.9. Air supply valve (paragraph 5.2.10 of the pr EN 1073)

Where present, the control valve should enable a variation of flow rate between the minimum and maximum specified values without the possibility of closure.

Result: Requirements entirely fulfilled.

2.3.11. Exhaust devices (paragraph 5.2.11. of the pr EN 1073)

The exhaust devices must work correctly after the testing of the pressure in the suit, during the Practical Performance Test and during the determination of the Fit Factor. Test in accordance with the EN 1073 (paragraph 6.6.).

Results : Good valves working.
Pull resistance superior to the fixed limit.

2.3.12. Pressure in the suit

During the activity sequence as specified, the overpressure shall not exceed 1000 Pa mean and 2000 Pa peak. A positive pressure shall be maintained.

Result: Requirements entirely fulfilled.

2.3.13. Carbon dioxide content of the Inhalation air

The CO₂ content of the Inhalation air, determined at the minimum air flow rate, shall not exceed an average of 1 % (by volume), tested according to the EN 270 (paragraph 7.15).

Result: Requirement entirely fulfilled.

2.3.14. Noise associated with the air supply to the suit (paragraph 5.2.14 - pr EN 1073)

Test according to the EN 270 (paragraph 7.16). The noise measured in the suit at the ears shall not exceed 80 dB(A) at the maximum air flow rate as indicated by the manufacturer.

Result: Requirement entirely fulfilled.

3. CHECKINGS

3.1. MARKING (paragraph 7 of the pr EN 1073)

The marking satisfies the requirements of article 7 in the EN 340.

3.2. MANUFACTURER INFORMATION (Paragraph 8 of the pr 1073)

The manufacturer's information complies with the specifications in paragraph 8 of the EN 340. They contain the instructions for use, the usage conditions and the specific limits and restraints.

3.3. MAINTENANCE MARKING

This is aimless, the suit being for one single use only.

4. CONCLUSIONS

Upon presentation of the tests results, the Ventilated suit – pressurised for a single use only, MTH 2 – ref. 841 442 T is certified to ensure a protection against radioactive contamination according to the following specified limits :

- Minimum air flow rate: 30 m³.h⁻¹ (500 l.min⁻¹)
- Maximum air flow rate: 66 m³.h⁻¹ (1100 l.min⁻¹)