



Facts and Tasks at Fukushima Daiichi

August 2012

Skilled Veterans Corps for Fukushima

UNIT 4



Quote TEPCO

UNIT 3



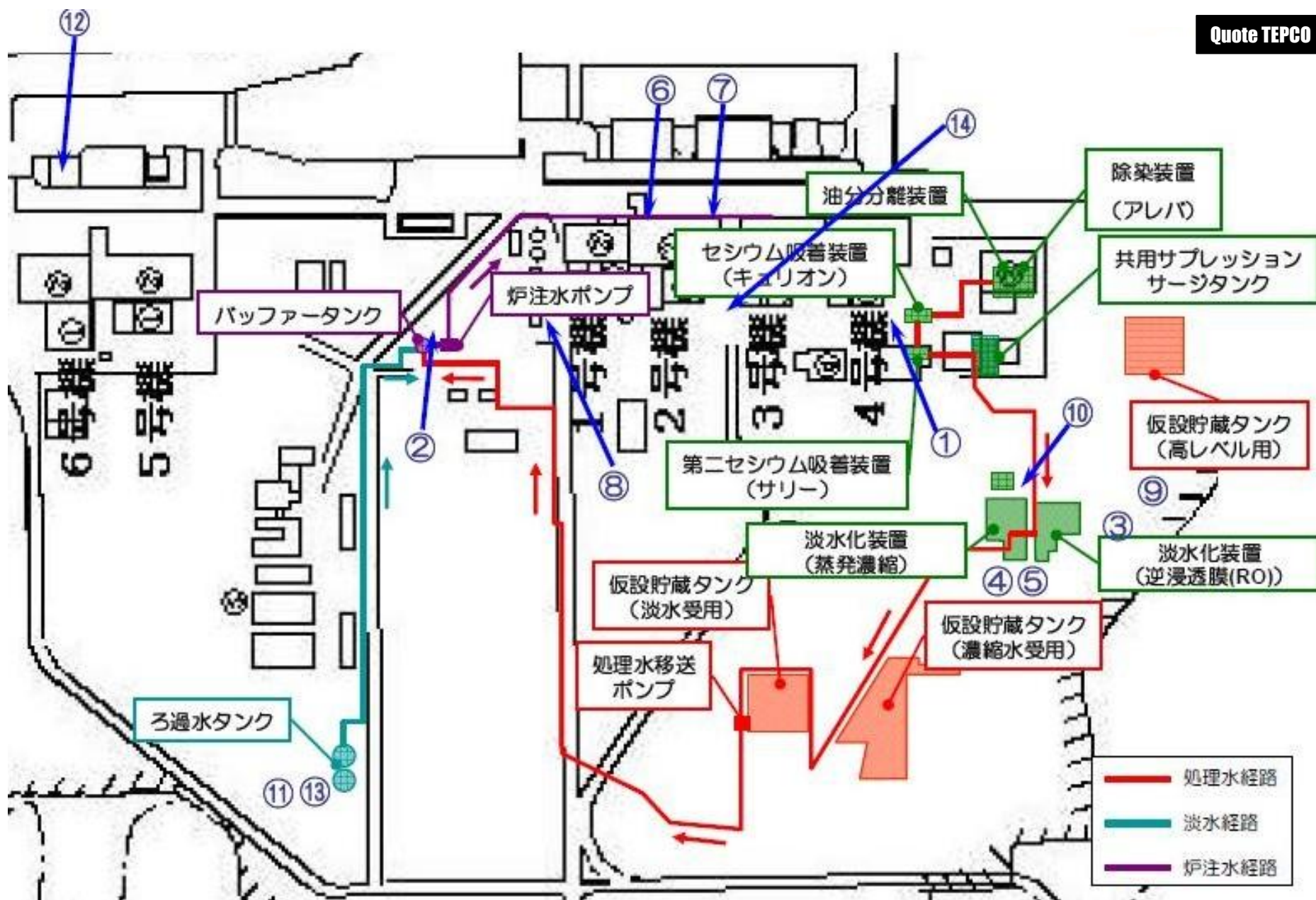
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Quote TEPCO



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Fuel Debris

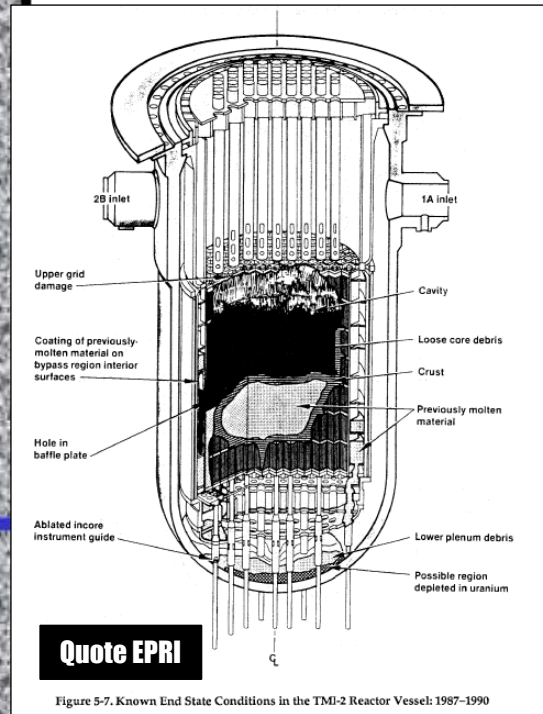
RPV: Reactor Pressure Vessel

PCV: Primary Containment Vessel

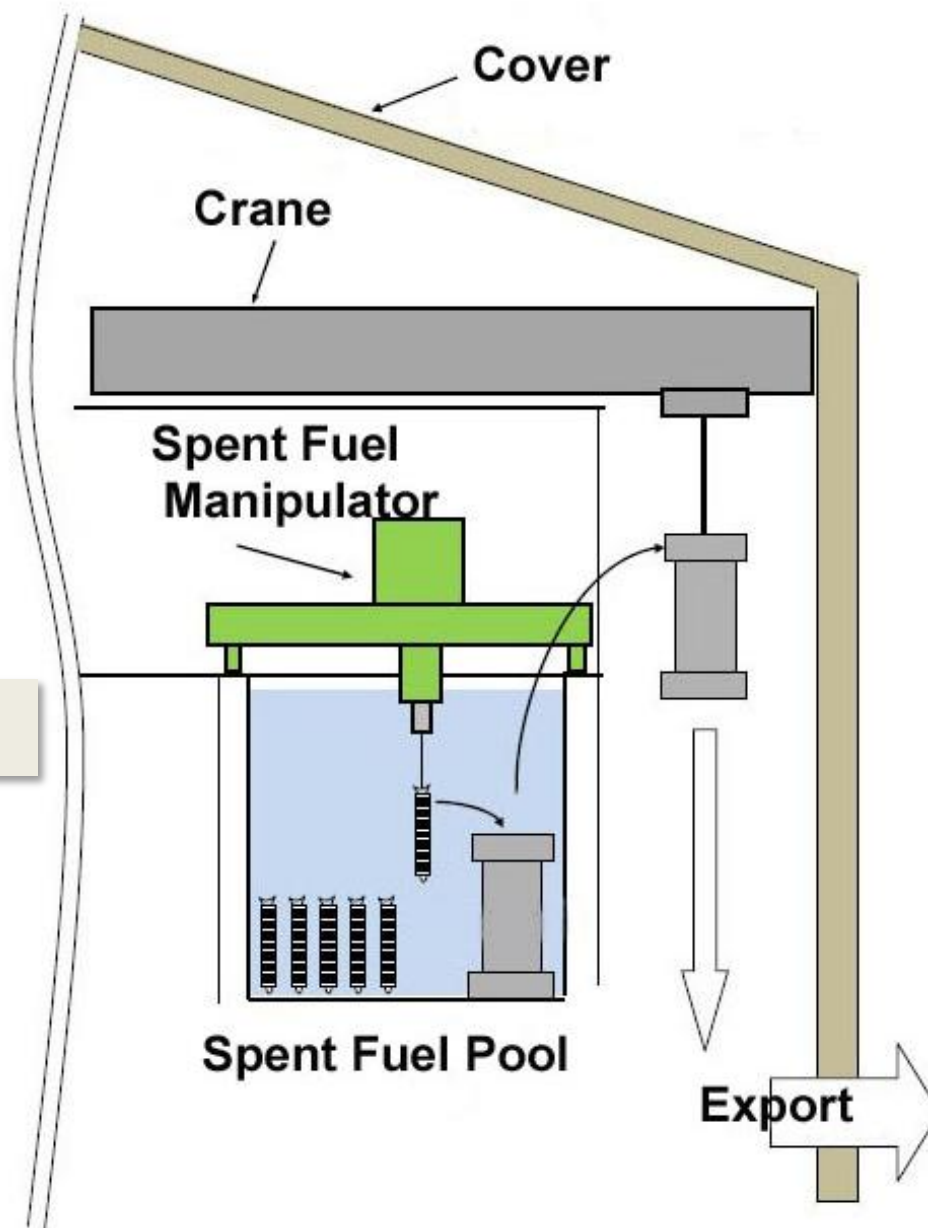
Cooling Water

PCV

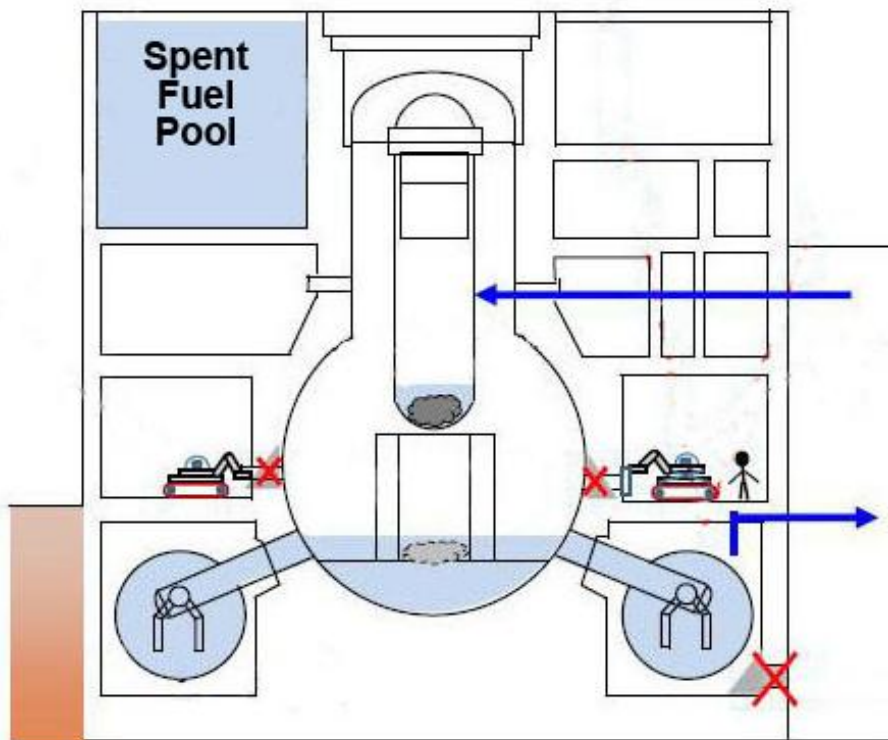
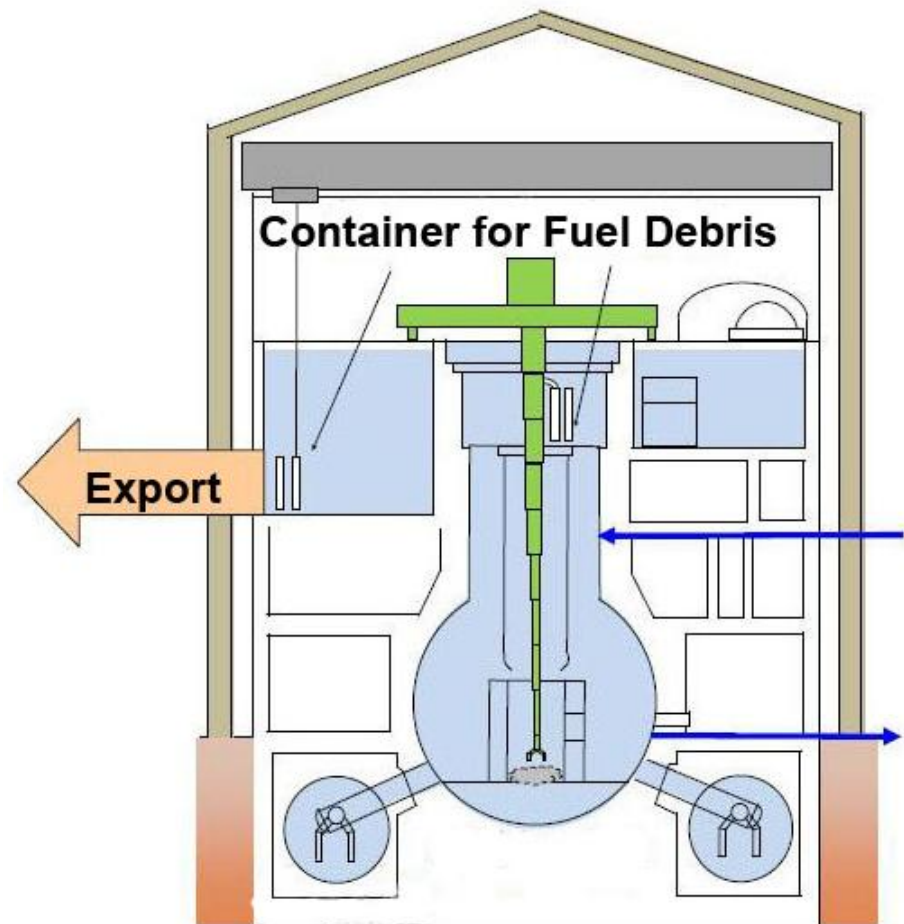
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Spent Fuel Removal

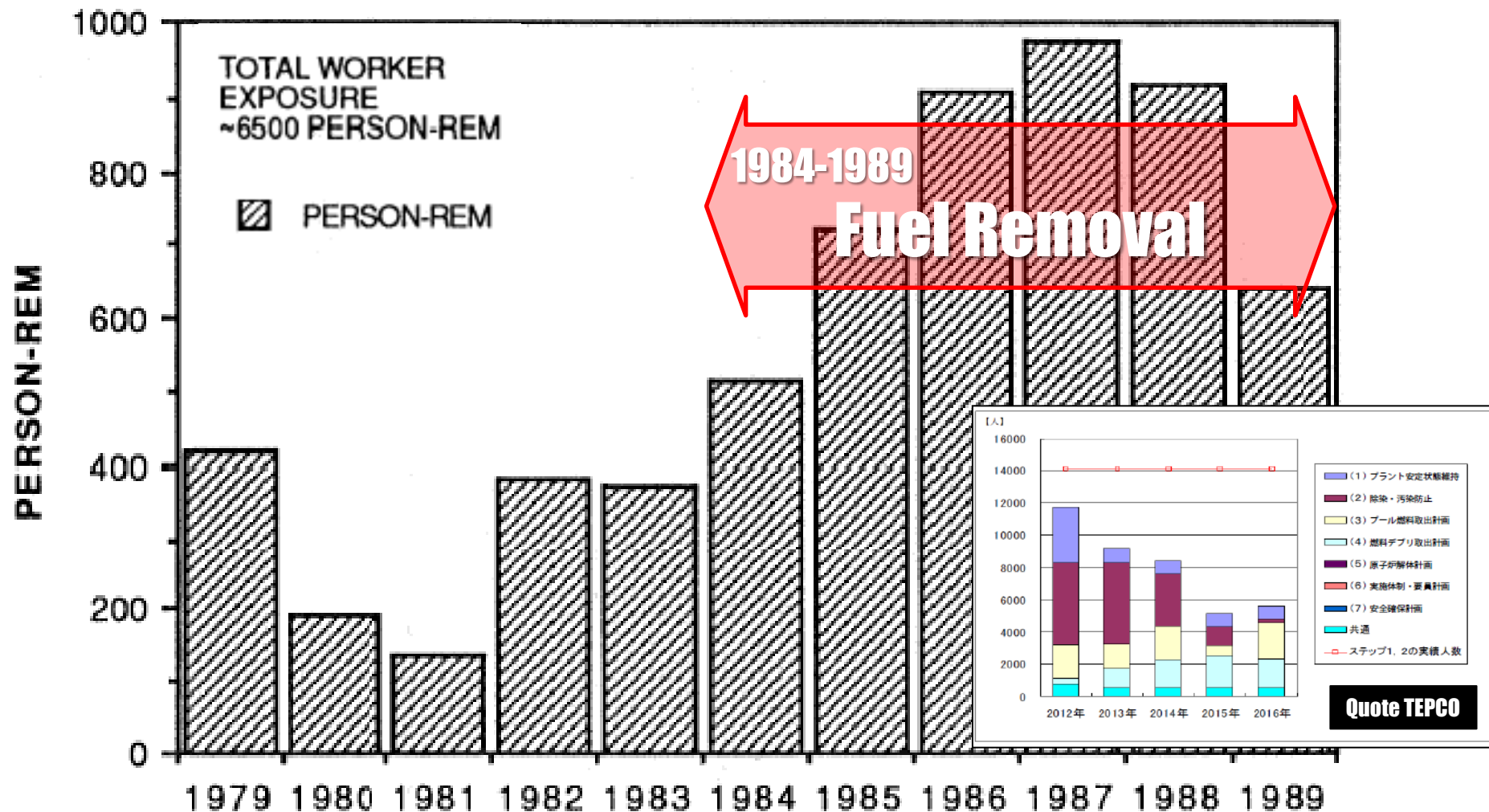


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**Repair of PCV (lower)****Fuel Debris Removal**

Quote TEPCO

SUMMARY OF ANNUAL DOSES AT TMI-2



SVCF requests:

**Skilled Veterans
be allowed to work
at Fukushima Daiichi
to reduce doses for
Younger Workers**

- March 11, 2011** **Earthquake and Tsunami**
- April 10, 2011** **First Appeal was delivered**
- May 4, 2011** **First negotiation with TEPCO**
- May 24, 2011** **Meeting with Mr. Hosono
and TEPCO**
- July 12, 2011** **SVCF Inspection Team to
Fukushima Daiichi**
- August 3, 2011** **Proposal to Government and
to TEPCO**

TEPCO Fukushima Daiichi



**Dose Control for
Workers within
Fukushima
Daiichi**

400 Contractors

**Prime
Contractors**



Workers

Workers

**Sub-
Contractors**

A

B

C

D

E

F

**Dose Control
by Employer not
to Exceed Limit
Value**

Workers

**2nd Sub-
Contractors**

a

b

c

d

e

Workers

**3rd Sub-
Contractors**

α

β

γ

δ

Workers

**Dose Control by
Each Worker**

National Project

1. Independent from TEPCO
2. Employ worldwide expertise
3. Integrated Project management
4. International inspection team

TEPCO



**Fukushima
Daiichi**



Even TEPCO is owned by the government it is still profit oriented private company, as the same case as GM

1. Project Team shall be independent from TEPCO

There are so many issues are not known at Fukushima Daiichi, that a profit oriented company never has capabilities to deal with such a project

Presently the project cannot be open and clear due to TEPCO's own interest

2. The Project Team shall employ capabilities, knowledge, experiences from all over the world

Fukushima Daiichi is more complex than Chernobyl, and larger in size than TMI-2

The project cannot be handled only by Nuclear Specialists. It's much complicated Engineering Project

The Project members shall be from TEPCO, Hitachi, Toshiba; and also experienced engineers from Chernobyl, TMI-2, as well as Bechtel, Fluor, TEC, JGC, Chiyoda and/or other companies

3. Integrated Project Management, including progress, quality, cost, and radiation exposure control shall be applied

Project shall be managed in integrated way and avoid multi-layered contract system

Workers shall be employed directly by the Project Team , unless specially required

Allocation of workers including SVCF's members shall be optimized considering dose in relation to age, skill, work place, etc.

4. Inspection Team consisting of international members shall be formed

Independent Inspection Team shall be free to check safety, progress, etc. to minimize risk of accident and minimize the cost and time

SVCF appeals you:

**to speak up and to ask your Government to
request Japan Government that:**

- 1. Form a National Project Team for Containment and Cleanup of Fukushima Daiichi, which is independent from TEPCO**
- 2. Utilize all of the assets in the world**
- 3. Integrated Project Management shall be the key replacing traditional multi-layered sub-contract structure**
- 4. International Inspection Team be established**