



Application procedures for Technical Catalogue proposals

International Symposium on the Decommissioning of
TEPCO's Fukushima Daiichi Nuclear Power Plant Unit 1-4

March 14, 2012

Toshiba Corporation
Hitachi GE Nuclear Energy Corporation
Mitsubishi Heavy Industries, LTD.

- Currently developing “Technical Catalogue” for R&D technologies based on the plant manufacturers’ database.
- Investigation is underway for other applicable technologies from various research organizations and private companies in and outside Japan.
- In order to “broadly gather intelligence in and outside Japan” for future development after next fiscal year, this activity should be publicly announced.

◆ Session1 :

Decontamination technology and remote-control technology for decontamination work

◆ Session2 :

Remote-control operation machine and measurement equipment for Primary Containment Vessel inspection and repair.

Please make your proposals for what should be most applicable technology based on the announcement.

Application procedures (1)

3

Please submit below 3 documents.

Format 1 : Proposal title and applicant name

- Technical Catalogue title
- Company Name (Personal Name)
- Company Address
- Contact Information (Department, Name, Address, Telephone, Fax, Email address, etc.)

Format 2: Technical catalogue proposals

[Format 2-1] Session 1 : Decontamination technology

[Format 2-2] Session 1 : Remote control technology for Decontamination work

[Format 2-2] Session 2 : Remote-control operation machine and measurement equipment for CV inspection

[Format 2-1] Session1: Decontamination

Decontamination Catalogue		Technology	Category No.		Page	
Title				Proposed by		
Applicable contamination condition				Experience in remote-control condition		
Form	Liquid/ powder	solid/	Location	YES / NO		
Adhesion	Soft / Hard		Floor/Wall/ceiling			
Penetration	Shallow / Deep	/	Machine surface / inside machine	Reaction	Yes ()	No ()
Nuclide	Gamma / α / β	/	Inside pipe, others			

Note : Format 2 will be publicly announced once your technology is selected.

Format 3: Most applicable technology

Please attach supporting document as necessary. (Free-style)

Most applicable technical point-1: ↵
Self-evaluation: ↵ ↵ ↵ ↵ ↵ ↵ ↵ ↵ ↵

- Regarding photos that can be publicly shared, please attach them to either one of Format 2-1, 2-2 or 2-3. As for photos that can NOT be publicly shared, please attach them to Format-3.

1. Application submittal

- Session 1 : Decontamination
Toshiba Corporation
E-mail : toshibaws@eis.iec.toshiba.co.jp
- Session 2 : Remote-control operation
machine and measurement equipment
Hitachi GE Nuclear Energy Corporation
E-mail : t_catalog@pis.hitachi.co.jp

2. Deadline

5:00 PM , April 6th Friday, 2012

- Evaluation points
 - A proposal should match the purpose of this workshop and target technical scope.
 - A proposal has an innovative and superior technical content.
 - A proposal is economical and feasible.
- Schedule
 - March 14th : Public announcement
 - April 6th : Deadline for proposal submittal
 - Middle of April (plan) : Evaluation
 - Late April (plan) : Decide which technologies should be included in the catalogue
- Misc.
 - Selected technology will be reported to the Japanese government and TEPCO mid-and-long term Emergency meeting “R&D steering committee and publicly announced.

Thank you for your attention !