

## 技術カタログ リスト(二次公募)

○(除染): 除染関連技術であり、除染プロジェクトで活用

No.	特に求められる技術							有用な 技術	技術カタログタイトル (提案書記載タイトル)	提案者	ページ
	移動	通信	制御	作業	計測	支援	他				
1				○					REMOTE REACTOR VESSEL INSPECTION AND REPAIR DEVICE	Westinghouse Electric Japan	1
2-1	○			○					Submersible Decommissioning Remotely Operated Vehicle	SMD Robotics Limited	3
2-2	○			○					Debris Clearance Remotely Operated Vehicle	SMD Robotics Limited	6
3								○	TECHNICAL SUPPORT TO TEPCO FOR INSPECTION EQUIPMENT IN HEAVY RADIATION FIELD	IFE - OECD HALDEN REACTOR PROJECT	9
4-1				○					Andros and Andros Heavy Duty Remote Control Equipment	Northrop Grumman Remotec	10
4-2								○	DADM, Dual Arm Dexterous Dual Arm Manipulator 3D	Remotec Northrop Grumman	12
5	○								Modular Snake Robot	Carnegie Mellon University Biorobotics Lab (Prof. Howie Choset)	16
6					○				Radiation tolerant video camera	Centronic Limited	18
7					○				Radiation detectors (neutron-gamma probe)	Centronic Limited (Mr David Fairweather)	19
8-1								○(除染)	Remote Controlled Vehicle (Crawler) to analyse situation in hazardous environment	NUKEM Technologies GmbH	20
8-2				○					-	NUKEM Technologies GmbH, Alzenau,	24
9								○	Automatic Path Planning for dismantlement	KINEO CAM	37
10	○				○				Remote controlled monitoring	AMEC	39
11	○			○					Climbing ROV for inspection & remote installation of sensors	AMEC	41
12								○	Dry Storage Inspection Device	Carnegie Mellon University Biorobotics Lab (Prof. Howie Choset)	42
13	○			○					Remotely operated tools for remote cleanup, inspection and 3D mapping of inaccessible region on nuclear reactor plant	AMEC	44
14				○					Remotely operated tools for remote detection, cutting and welding in an inaccessible region on nuclear reactor plant	AMEC	46
15	○								ROV for emergency remote inspection and evaluation of damaged power plant	AMEC	47
16				○					Remotely operated tools for underwater remote survey and cutting in an inaccessible region on nuclear fuel reprocessing plant	AMEC	48
17	○								ROV for emergency remote inspection and evaluation of part-constructed power plant	AMEC	49
18-1	○				○				Intelligent Sensor Delivery Platform	Idaho National Laboratory	50
18-2								○	Testing and use of Geosealants to stop leakage from Primary Containment Vessels	Idaho National Laboratory	51
19				○	○				-	Kinectrics Inc	52
20				○					Carbon Fiber Long Reach Manipulators	S.A.Technology	53
21-1								○(除染)	Technology for applying dust suppressing coating with confinement effect	Alexandrov Research Institute of Technology	60

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21-3								○(除染)	Complex technology for decontamination of residential houses, offices, neighboring territories and private lands	Alexandrov Research Institute of Technology	62
21-4								○(除染)	Complex technology for decontamination of construction machinery and transport vehicles	Alexandrov Research Institute of Technology	63
21-5								○(除染)	Adhesive web for remote decontamination	Alexandrov Research Institute of Technology	64
21-6								○(除染)	Technology for deactivation of contaminated items using quick setting polymer compositions	Alexandrov Research Institute of Technology	65
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22				○					Calandria Vessel Inspections and Debris Removal	Candu Energy Inc.	67
23				○					Life extension program – National Research Universal (NRU) reactor	Candu Energy Inc.	70
24				○					Vessel Inspection Tool	Candu Energy Inc.	73
25					○				Calandria Tube to LISS Gap Measurement	Candu Energy Inc.	76
26								○	Real-Time Video Processing Software: Filtering Radiation Noise from Remote Video-Aided Visual Inspections	Candu Energy Inc.	79
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33					○				能動スコープカメラ	東北大学大学院情報科学研究科/国際レスキューシステム研究機構(田所諭)	107
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42									Visual feedback control of robotic devices via overhead/external camera	Dr. Max Blanco	140
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