



NUCLEAR INDUSTRY

List of references

Edited : 27/07/2011

WORKS PERFORMED IN THE NUCLEAR INDUSTRY IN BELGIUM

DATE	CLIENT	SITE	WORK PERFORMED	EQUIPMENT INVOLVED
Jun '06	TRANSNUBEL	Mol-Dessel	Transport Mol-Dessel	10 axle lines 702 + Sarlift
Feb '06	TRANSNUBEL	Mol-Dessel	Transport Mol-Dessel	10 axle lines 702 + Sarlift
Jan '06	TRANSNUBEL	Mol-Dessel	Transport Mol-Dessel	10 axle lines 702 + Sarlift
Dec '05	ELECTRABEL	KCD, Doel	Transport lid	10 axle lines 701
Nov '05	ELECTRABEL	KCD, Doel	Transport rotor	10 axle lines 701
Okt '05	ELECTRABEL	Herdersbrug	Transport rotor	6 axle lines 702
Sep '05	ELECTRABEL	St Ghislain	Transport rotor 105 T	Sarlift + 6 axle lines
Aug '05	ELECTRABEL MCC	Herdersbrugcentra	Transport Tribune	6 axle lines
April-June '05	ELECTRABEL	Doel KCD	Transport # nuclear containers	10 axle lines 702
Feb-June '05	TRANSNUBEL	Tihange KCT	Transport # nuclear containers	10 axle lines 702
dec '04	KCD-ELECTRABEL	KCD (doel)	Transport alternator	10 axle lines 702
Oct '04	KCD - ELECTRABEL	Doel	Transport juk + afhalen	10 axle lines 702
Mei '03	KCT-TRANSNUBEL	Tihange	nucleair transport KCT	8 axle lines
Maa '03	ELECTRABEL / KDC	Doel	Transport nucleair KDC	8L 701
Jan-Mei '03	TRANSNUBEL TIHANGE	Tihange	Transport intern Tihange	8L
Jan/Dec '02	TRANSNUBEL KCT	Tihange	Transport intern Tihange	1 x 8 L
Feb/Mar '02	TRANSNUBEL	Dessel/Mol	Overslag mbv Sarlift 10L + T12	1 x 10L
Mar '02	KCD/ELECTRABEL	KCD	Nucleair transport op KCD	1 x 10L
Sep '02	KCD/ELECTRABEL	KCD	Transport intern KCD	10 L en 8 L
Aug '02	ELECTRABEL	Herdersbrug, Brugge	Transport rotor 52 Ton	1 x 6 L
Sep '02	TRANSNUBEL	Dessel/Mol	Transport TN28	10L
Okt '02	TRANSNUBEL	Mol / Dessel	Transport Mol - Dessel	10L
Dec '02	TRANSNUBEL	Luik	Transport Chassis	10L
1998	SIEMENS	TIHANGE 3	Handling, removal and reinstallation of alternator "GDS" 25 t.	Crane 80 t, Mini Sarlift, Sarskid.
1998	PEQUET - TESSON	DOEL 2	Exchange of 2 condensors 84 t at MAZ-building in Doel 2.	Jacking equipment Sarskid, cranes up to 200 t, hydraulic platform trailers Goldhofer 10 axles.
1997	TRANSNUBEL	TIHANGE 1 + 2 + 3	Internal transport.	Selfpropelled hydraulic platform trailers.
1997	SIEMENS	TIHANGE 2	Handling, removal and reinstallation of alternator "GDS" 25 t.	Crane 80 t, Mini Sarlift, Sarskid.



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1996	SIEMENS	TIHANGE 2	Handling, removal and reinstallation of alternator "GDS" 25 t.	Crane 80 t, Mini Sarlift, Sarskid.
1996	GEC ALSTHOM	TIHANGE 2	Handling of the rotors (155 tons) of the main alternators.	Cranes, handling equipment, transport equipment : Kamag hydraulic platform trailers.
1996	TCC	TIHANGE 3	Erection of a 150 tons overhead crane.	Cranes, Kamag, Goldhofer hydraulic platform trailers.
1996	TRACTEBEL	DOEL	Manipulation of accumulators 100 t.	Sarskid, 10 axles selfpropelled hydraulic trailers Goldhofer.
1996	GEC ALSTHOM DELAS	DOEL 4	Revamping of the condensor Unit Doel 4.	Jacking equipment Sarskid - Sarlift, platform trailers Kamag,
1996	CMI	DOEL 4	Transport of 3 steam generators (454 t) from Seraing to Doel 4	2 x 12 selfpropelled hydraulic platform trailers
1995	E.D.F.	TIHANGE 1	On site transport of 3 existing and 3 replacement steamgenerators.	16 axles lines selfpropelled hydraulic trailers.
1995	SETRI / PIRSON	TIHANGE 1	Handling of heavy equipment inside the reactor building.	Sarskid, Sarlift system.
1994	DELAS	DOEL 3	Revamping of the condensor Unit Doel 3.	Jacking equipment Sarskid - Sarlift, platform trailers Goldhofer, cranes up to 400 t.
1994	TRACTEBEL	DOEL 3	Transport of TN24 on nuclear power station of DOEL.	10 axles selfpropelled hydraulic trailers Goldhofer.
1994	TRACTEBEL	BRUGGE	Transport and handling of alternator 250 t at nuclear power station Herdersbrug.	Sarlift, Sarskid system, hydraulic platform trailers.
1993	TCC	DOEL	Testing spreaders and lifting gear for the nuclear power plant.	Cranes 250 t testing weights.
1993	TCC	DOEL3	Removal out of the reactor building and positioning of 3 concrete shells,	Sarskid system 10 axles selfpropelled hydraulic trailers, cranes.
1992	SIEMENS	TIHANGE 2	Handling , removal and reinstallation of alternator "GDS" 25 t.	Crane 80 t, Mini Sarlift, Sarskid.
1989	PIRSON	TIHANGE 2	Handling of condensor module at nuclear power station.	Sarlift, Sarskid system, hydraulic platform trailers, barges.
1987 - 1989	EBES	DOEL 1+2+3+4	Handling of various equipment during nuclear power plant shut down on location.	Cranes, handling equipment, transport equipment.
1987	FABRICOM/ASEA	DOEL 1 + 2	Handling of 4 no condensor modules each 180 t at nuclear power station.	Sarlift, Sarskid system, hydraulic platform trailers, barges.
1975 - 1987	EBES	DOEL 3 + 4, TIHANGE 2 + 3.	Transport and handling of all heavy equipment for nuclear power station.	Cranes, handling equipment, transport equipment.



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August 2008 - September	AREVA	Olkiluoto	Construction of reactor building and polar crane	Supply of 2000 T heavy lift crane PC9600
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WORKS PERFORMED IN THE NUCLEAR INDUSTRY IN FRANCE

DATE	CLIENT	SITE	WORK PERFORMED	EQUIPMENT INVOLVED
2010		FLAMANVILLE	place 2 MSR units (235t) and 6 heat exchangers (42t)	300t spreader, Strad Jacks: 2 x 180t and 2 x 45t, 24 awles lines SPMT's
2007	DENYS	FLAMANVILLE	Installation of air pipes	LIEBHERR LR1350/1
2007	CEGELEC	LE BARP	Transport, lifting and installation of a 140 T sphere.	LIEBHERR LR1750, 2 x 6 lines KAMAG
1998	ALSTOM Heat Exchange	NOGENT SUR SEINE	Handling of 6 no condensor modules each 180 t at Nogent sur Seine nuclear power station (condensor revamping).	Sarlift and Sarskid system, hydraulic trailers.
1996	GEC ALSTHOM DELAS	CIVAUX II	Handling of modular tube bundles of the main condensor at the nuclear power station.	Sarlift and Sarskid system, jacking equipment, hydraulic trailers, handling equipment.
1995 - 1996	GEC ALSTHOM DELAS	DAMPIERRE / BURLY	Handling of condensor modules and exchangers - condensor revamping.	Sarlift, hydraulic platform trailers, rigging crew.
1995	GEC ALSTHOM DELAS	DAMPIERRE	Handling of heat exchangers R1 -Dampierre Tr.3 . Unloading, handling and installation of modular tube bundles of the main condensor at the	Sarlift and Sarskid system, jacking equipment, hydraulic trailers, handling equipment.
1994	GEC ALSTHOM DELAS	TRICASTIN I	Handling of modular tube bundles of the main condensor at the nuclear	Sarlift and Sarskid system, jacking equipment, hydraulic trailers,
1994	GEC ALSTHOM DELAS	TRICASTIN II	Handling of modular tube bundles of the main condensor at the nuclear power station.	Sarlift and Sarskid system, jacking equipment, hydraulic trailers, handling equipment.
1994 - 1997	BNFL	DUNKERQUE	Transshipment of nuclear waste containers from truck and/or rail into vessels hold.	DEMAG TC 2000.
1994 - 1995	GEC ALSTHOM DELAS	CIVAUX I	Handling of modular tube bundles of the main condensor at the nuclear power station.	Sarlift and Sarskid system, jacking equipment, hydraulic trailers, handling equipment.
1992 - 1993	GEC ALSTHOM DELAS	TRICASTIN III + IV	Unloading, skidding and jacking of condensor modules from turbine condensor at nuclear power station.	Sarlift, Sarskid, 6 axles multiwheel module trailer, jacking equipment.
1991	GEC ALSTHOM DELAS	CHOOZ B2	Handling of 6 no condensor modules each 140 t at nuclear power station (condensor revamping).	Sarlift and Sarskid system, rigging crew.



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1990 - 1994	GEC ALSTHOM DELAS	TRICASTIN I-II	Handling of 6 no condensor modules each 110 t at Tricastin nuclear power station (condensor revamping).	Sarlift and Sarskid system, hydraulic trailers.
1989 - 1990	GEC ALSTHOM DELAS	DAMPIERRE	Handling of 2 x 6 no condensor modules each 125 t at nuclear power station (condensor revamping).	Sarlift and Sarskid system, 6 axles Kamag, rigging crew.
1989	GEC ALSTHOM DELAS	DAMPIERRE	Handling of heaters R1 - TR1.	Sarlift and Sarskid system.

WORKS PERFORMED IN THE NUCLEAR INDUSTRY IN HUNGARY

DATE	CLIENT	SITE	WORK PERFORMED	EQUIPMENT INVOLVED
2000	ALSTHOM HEAT EXCHANGE	PAKS	Condensor revamping, handling of condensor modules for Nuclear Power Plant.	STAFF

WORKS PERFORMED IN THE NUCLEAR INDUSTRY IN SLOVENIA

DATE	CLIENT	SITE	WORK PERFORMED	EQUIPMENT INVOLVED
2000	SCHÜTZ LENNEKRAN	KRSKO	Internal transport of replacing old steam generator by new one	14 axles multiwheel self propelled trailers
1992	GEC ALSTHOM DELAS	KRSKO	Unloading, skidding and jacking of condensor modules from turbine condensor at Nuclear Power Station.	Sarlift, Sarskid and 6 axles multiwheel module trailer jacks.

WORKS PERFORMED IN THE NUCLEAR INDUSTRY IN SPAIN

DATE	CLIENT	SITE	WORK PERFORMED	EQUIPMENT INVOLVED
1995	GEC ALSTHOM DELAS	ALMARAZ I	Condensor revamping, handling of condensor modules for Nuclear Power Plant.	DEMAG TC 3000, DEMAG TC 2000, hydraulic platform trailers, rigging crew.
1995	GEC ALSTHOM DELAS	ALMARAZ II	Condensor revamping, handling of condensor modules for Nuclear Power Plant.	DEMAG TC 3000, DEMAG TC 2000, hydraulic platform trailers, rigging crew.

WORKS PERFORMED IN THE NUCLEAR INDUSTRY IN USA

DATE	CLIENT	SITE	WORK PERFORMED	EQUIPMENT INVOLVED
2010	Siemens	Spring City, Tennessee	The Unit 2 Restart Project at the Watts Bar Nuclear Generating Station	



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2009	Bechtel Power Corp.	San Clemente, CA	A steam generator replacement project at the San Onofre Nuclear Generation Station	42 axle lines SPMT's; Outside Lift System (OLS); Elevated Runway System; Hydraulic Lifter; Temporary Lifting Device
2009	American Crane and Equipment Corp.	Salem, New Jersey	Remove old Cask Handling crane and install new Cask Handling crane	Hydraulic lifter and runway beams
2009	Energy Solutions	McGuire Cornelious, North Carolina	Engineering, supervision, labor and equipment to support the disposal of eight Old Steam Generators	12-lines Goldhofer SW, SP; 550mt Hydraulic Gantry
2009	Areva NC - Transnuclear Inc.	Rochester, New York	Offload and assemble Transnuclear dry cask storage components in a double array configuration	JTR-500 Jacking Trolley
2008	STP Nuclear Operating Company	South Texas Wadsworth, Texas	Feedwater Heater Replacement Project: extract and replace six each feedwater heater tube bundles	
2007	Bechtel Power Arizona Public Service Company	Palo Verde, Arizona	Steam Generator/Reactor Head Replacement Project: rail/truck offload, inside and outside containment rigging and transport at Palo Verde Nuclear Generating Station	62 axle lines Goldhofer, Outside Lift System, Temporary Lifting Device, Hydraulic Lifter, Elevated Runway
2006-2007	Bechtel Power Luminant	Glen Rose, Texas	Steam Generator/Reactor Head Replacement Project: rail/truck offload, inside and outside containment rigging and transport at Comanche Peak Nuclear Power Plant, Unit 1	32 axle lines Goldhofer, Outside Lift System, Temporary Lifting Device, Hydraulic Lifter, Elevated Runway, Reactor Head UD Cart, 550ton Hydraulic Gantry
2007	Florida Power and Light	Seabrook, New Hampshire	The assembly of a Transnuclear (8) unit double array Horizontal Storage Module (HSM-H) system for spent fuel at Seabrook Station	JTR-500 Jacking Trolley
2007	Florida Power and Light	St. Lucie Hutchinson Island, Florida	The assembly of a Transnuclear (14) unit double array Horizontal Storage Module (HSM-H) system for spent fuel	JTR-500 Jacking Trolley
2006-2007	STP Nuclear Operating Company	South Texas Wadsworth, Texas	Feedwater Heater Replacement Project: extract and replace six each low pressure feedwater heater tube bundles	
2006	Bechtel Power Omaha Public Power District	Fort Calhoun, Nebraska	Steam Generator/Reactor Head/Pressurizer Refurbishment Project: inside and outside containment rigging and transport	20 axle lines Goldhofer, Outside Lift System, Elevated Runway System, Temporary Lifting Device, Reactor Head UD Cart, 550ton Gantry
2006	Siemens Fenoc	Beaver Valley, Shippingport, Pennsylvania	Lower two low pressure rotors from cribbing to grade	Misc. Jacking gear



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2006	Bechtel Power Tennessee Valley Authority	Spring City, Tennessee	Steam Generator Replacement Project: inside and outside containment rigging and transportation at the Watts Bar Nuclear Generating Station	12-lines Goldhofer SW, SP, U/D Fixture, SG Rigging
2005-2006	Bechtel Power Fenoc	Beaver Valley, Unit 1 Shippingport, Pennsylvania	Steam Generator Head Replacement Project: barge offload, inside and outside containment rigging and transportation	32 axle lines Goldhofer, Outside Lift System, Elevated Runway System, Temporary Lifting Device, Hydraulic Lifter, 550ton Hydraulic Gantry, Reactor Head UD Cart
2005	Bechtel Power Tennessee Valley Authority	Spring City, Tennessee	Steam Generator Offload Project: receive RSG's via barge, lift off, set to transporter, transport to site and stage	Cantilevered Offload Gantry, 12-line Goldhofer SW, SP
2005	Bechtel Power Arizona Public Service Company	Palo Verde, Arizona	Steam Generator Replacement Project: inside and outside containment rigging and transportation	62 axle lines Goldhofer, Outside Lift System, Temporary Lifting Device, Hydraulic Lifter, Elevated Runway System
2005	Mitsubishi Heavy Industries, LTD. Nuclear	Ikata, Unit 2, Japan	Removal of complete reactor core internals (3 of 3 projects completed)	Temporary Lifting Device
2005	Omaha Public Power District	Fort Calhoun, Nebraska	Installation of a Dry Cask Storage Unit: rail offload, transport and assembly of dry cask storage modules for spent fuel rods	
2005	Omaha Public Power District - Bechtel Power	Fort Calhoun, Nebraska	Offload and transport four condensers from OTR trailer and set staging, then return and transport to turbine bay for offload by others	10-lines Goldhofer SW, SP; 550mt Hydraulic Gantry
2005	Siemens Fenoc	Beaver Valley, Shippingport, Pennsylvania	Receive two low pressure rotors from crane hook, transport and set to cribbing	
2005	Mitsubishi Heavy Industries, LTD. Nuclear	Genkai, Unit 1, Japan	Removal of complete reactor core internals (2 of 3 projects completed)	Temporary Lifting Device