

Colfax Nuclear Project Reference List

RECENT														
	Electric Utility	Power Plant Name	Country	Fluid	Qty	Type	Model	gpm	rpm	ssu	Application	Year	Pump or System incl. Pump	System Manufacturer
1	Teollisuuden Voima Oy (TVO)	Olkiluoto 3 NPP	Finland	Lube Oil	2	Centrifugal	NSS 200-500/02-W0	2885	1500	70	Main Lube Oil	2007	System	Colfax / Allweiler
1	Teollisuuden Voima Oy (TVO)	Olkiluoto 3 NPP	Finland	Lube Oil	1	Centrifugal	NSS 200-315-W0	2885	1500	70	Emergency Lube Oil	2007	System	Colfax / Allweiler
2	Teollisuuden Voima Oy (TVO)	Olkiluoto 3 NPP	Finland	Lube Oil	2	Centrifugal	CNH-B80-250-W20	750	3000	32	Stator Water System	2006	Pump	Howard Marten
3	Teollisuuden Voima Oy (TVO)	Olkiluoto 3 NPP	Finland	Lube Oil	3	3 Screw	SNH210ER40U6.9-W22	69	3000	200	Seal Oil System	2006	Pump	Howard Marten
4	OKG AB (an E.ON AG company)	Oskarshamn 3	Sweden	Lube Oil	2	Centrifugal	CNH-B80-250-W20	750	3000	32	Stator Water System	2005	Pump	Howard Marten
5	OKG AB (an E.ON AG company)	Oskarshamn 3	Sweden	Lube Oil	3	3 Screw	SNH210ER40U6.9-W22	69	3000	200	Seal Oil System	2005	Pump	Howard Marten
Total Pumps Recent - Nuclear					13									
PAST														
	Electric Utility	Power Plant Name	Country	Fluid	Qty	Type	Model	gpm	rpm	ssu	Application	Year	Pump or System incl. Pump	System Manufacturer
1	Philippine Electric	Napot Point 1	Philippines	Distillate	2		N3D-187						Pump	
2	Taiwan Power	Manshaan 1 & 2	Taiwan	Lube Oil	4		N3D-250	100	900				Pump	
3	Arizona Public Service	Palo Verde 1,2&3	USA	Lube Oil	6		N324-162	110	1800				Pump	
4	Commonwealth Edison	Byron 1 & 2	USA	Lube Oil	4		N3D-275	130	1800				Pump	
5	Commonwealth Edison	Byron 1 & 2	USA	Distillate	8		N3D-187	20	1200				Pump	
6	Commonwealth Edison	Braidwood 1 & 2	USA	Distillate	8		N3D-187	20	3600				Pump	
7	Commonwealth Edison	Braidwood 1 & 2	USA	Lube Oil	4		N3D-275	130	1800				Pump	
8	Consumers Power	Midland 1 & 2	USA	Lube Oil	4		N324-412	575	3600				Pump	
9	Consumers Power	Midland 1 & 2	USA	Lube Oil	4		N3D-250	95					Pump	
10	Consumers Power	Midland 1 & 2	USA	Distillate	4		N3D-187	30	3600				Pump	
11	Duke Power	Cherokee/Perkins 1,2,3	USA	Distillate	12		N3D-187	35	1200	35			Pump	
12	Duke Power	Catawba 1 & 2	USA	Lube Oil	4		N3D-250	100	1200				Pump	
13	Duke Power	Catawba 1 & 2	USA	Distillate	4		N3D-187	35	3600				Pump	
14	Duke Power	Cherokee/Perkins 1,2,3	USA	Distillate	12		N3D-137	10	1800	35			Pump	
15	Duke Power	Cherokee/Perkins 1,2,3	USA	Lube Oil	12		N3D-250	100	1800				Pump	
16	Duke Power	Cherokee/Perkins 1,2,3	USA	Distillate	12		N3D-187	35	3600	35			Pump	
17	Houston Power & Light	South Texas 1 & 2	USA	Lube Oil	6		N3D-275	130	1200				Pump	
18	Houston Power & Light	South Texas 1 & 2	USA	Lube Oil	6		N324-375	675	3600				Pump	
19	Illinois Power	Clinton 1 & 2	USA	Distillate	3		N3D-137	15	3600				Pump	
20	Niagra Mohawk	Nine Mile Point 2	USA	Distillate	2		N3D-137	10	1800				Pump	
21	Niagra Mohawk	Nine Mile Point 2	USA	Lube Oil	2		N3D-275	130	3600				Pump	
22	Pub Serv New Hampsire	Seabrook 1 & 2	USA	Distillate	4		N3D-187	20					Pump	
23	Public Service of Indiana	Marble Hill 1 & 2	USA	Lube Oil	2		N3D-275	70	3600				Pump	
24	Public Service of Indiana	Marble Hill 1 & 2	USA	Distillate	8		N3D-137	10	1800				Pump	
25	Public Service of Indiana	Marble Hill 1 & 2	USA	Distillate	2		N3D-137	5	900				Pump	
26	South Carolina Electric & Gas	V. C. Summer 1	USA	Distillate	4		N3D-137	10	1800				Pump	
27	Tennessee Valley Auth	Hartsville/Phipps Bend	USA	Distillate	36		N3D-187	35	1800				Pump	
28	Nuklearna Elektrarna Krsko	Krsko	Slovenia	Distillate	4		N3D-137	10					Pump	
Total Pumps Past - Nuclear					183									
Total Pump - Nuclear					196									

We are installed in 18 nuclear power plants. There are currently 442. So, we are installed in 4% of nuclear plants globally.

Colfax supplies pumps and systems for nuclear power plants globally. To date, Colfax has installed 196 pumps – 13 recently and 183 in the past. Two systems have been manufactured by Colfax to date. The pumps and systems are located on three continents (North America, Europe and Asia) and in 6 countries (Finland, Sweden, Philippines, Taiwan, USA, Slovenia (former Yugoslavia)...amazing! This is a good platform to build upon.

My count of nuclear pump applications is up to four systems:

- 1) Steam Turbine Lubrication
- 2) Steam Turbine Generator Seal Oil
- 3) Steam Turbine Generator Stator Cooling Water
- 4) Back Up Diesel Generator Fuel Supply