

Proprietary Information Notice

On August 19, 2016, Doosan HF Controls transmitted the following documents in non-proprietary format:

Document Number	Description	Revision
PP901-000-01-A-NP	HFC-6000 Control System Safety Evaluation and Topical Report Including Request for Additional Information Responses	C
RR901-001-04-NP	ERD111 Qualification Retest Summary Report	B
RR901-002-01-NP	Amendment for Enhanced Equipments of HFC-6000 Safety Platform	B
RR901-002-11-NP	Responses to First Round of RAI from NRC in correspondence to HFC Amendments 2 and 3 for the HFC-6000 Platform	A
RR901-003-06-NP	Radiation Exposure Evaluation of HFC-6000 HFC-FPC08	C
TP0402-NP	ERD111 Operability Test Procedure	L
TP0403-NP	ERD111 Prudency Test Procedure	G
TR901-200-02-NP	ERD111 Pre-qualification before Retest Detail Test Report (before retest)	A
TR901-200-03-NP	ERD111 Environmental Stress Retest Detail Report	A
TR901-200-04-NP	ERD111 EMI-RFI Retest Detail Report	A
TR901-200-05-NP	ERD111 Post-qualification Detail Test Report (after retest)	A
TP901-200-04-NP	ERD 1192 Seismic Test Procedure	D
TP901-201-04-NP	ERD921 DMR Operability Test Procedure	E
TP901-201-05-NP	ERD921 DMR Prudency Test Procedure	B
TP901-202-04-NP	ERD921 TMR Operability Test Procedure	D
TP901-202-05-NP	ERD921 TMR Prudency Test Procedure	C
TP901-203-04-NP	ERD921 SLC Operability Test Procedure	C
TP901-203-05-NP	ERD921 SLC Prudency Test Procedure	B
TR901-201-02-NP	ERD921 Pre-qualification Detail Test Report	A
TR901-201-03-NP	ERD921 Environmental Stress Detail Test Report	B
TR901-201-04-NP	ERD921 EMI-RFI Detail Test Report	B
TP901-301-05-NP	ERD1192 Operability Test Procedure Remote 01 SBC06	B
TP901-301-06-NP	ERD1192 Operability Test Procedure Remote 03 FPC08	B
TP901-301-07-NP	ERD1192 Prudency Test Procedure Remote 01 SBC06	B
TP901-301-08-NP	ERD1192 Prudency Test Procedure Remote 03 FPC08	A
VV901-304-01-NP	ERD1192 Master Configuration List	C
VV901-301-02-NP	TUV DMR Master Configuration List	D
VV901-302-02-NP	TUV TMR Master Configuration List	D
VV901-303-02-NP	HFC-SBC04A System Master Configuration List	D
VV901-304-01-NP	ERD1192 Master Configuration List	B
VV0414-NP	ERD111 Master Configuration List	E
Radiation_ Exposure	Radiation Test Reports	N/A

In order to conform to the requirements of 10 CFR 2.390 concerning the protection of proprietary information submitted to the NRC, the proprietary version of the document listed above is marked "HFC Proprietary" on the title page and on each subsequent page containing proprietary information. For the corresponding non-proprietary versions, all proprietary information has been deleted, with brackets in some documents, such that only non-proprietary information remains. In addition, the deletion was done in the manner such that the formatting of the documents was preserved so that page numbers, headings and section numbers remain unchanged. Since the basis for deleting the information in all instances is to protect Doosan HFC corporation confidential commercial information; there is no adjacent marking for each deletion as specified in 2.390(b)(1)(a)(i)(B). Instead, in order to facilitate the review process, the locations of the proprietary information in each file are listed in the table below:

Document Number	Locations of the proprietary information as deleted in the non-proprietary version
PP901-000-01-A-PI	Section RR901-001-05: Page 1, Page 3, Page 5 to 9 Section PP901-000-01: Page 4-2, 4-3, 5-1, 6-1 to 6-9, 7-1 to 7-14, 8-1 to 8-9, 8-11, 8-14 to 8-17, 8-19 to 8-22, 8-24, 8-25, 8-30, 8-34 to 8-46, 9-2, 9-4, 9-5, 9-7 to 9-12, 9-17 to 9-26, 9-28 to 9-33, 10-2 to 10-22, 10-24, 10-26 to 10-36
RR901-001-04-PI	Page 1, Pages 16-17; Attachment 7.1 Pages 1-7; Attachment 7.2 Pages 1, 14-15, Pages 19-20, Page 24, Pages 28-30, Pages 43-45, Pages 47-49, Pages 51-53, Pages 55-57, Pages 59-61, Pages 63-65
RR901-002-01-PI	Pages 6-7 (Table 1), Pages 17-20, Pages 25-26, Pages 37-39, Page 43
RR901-002-11-PI	Pages 4-9
RR901-003-06-PI	Page 1, Pages 5-79
TP0402-PI	Page 1, Page 7, Pages 9-14, Pages 21-30, Page 33, Pages 35-41, Page 43, Pages 47-48, Pages 59-62, Page 66, Page 69
TP0403-PI	Page 1, Page 6, Pages 9-10, Page 12, Pages 20-21
TR901-200-02-PI	Page 1, Pages 11-42
TR901-200-03-PI	Page 1, Pages 3-4, Pages 9-42
TR901-200-04-PI	Page 1, Page 10-11, Pages 13-30, Pages 32-40
TR901-200-05-PI	Page 1, Pages 7-30
TP901-200-04-PI	Page 1, Pages 10-13, Pages 15-16
TP901-201-04-PI	Page 6-7, Pages 9-10, Pages 13-15, Page 18
TP901-201-05-PI	Page 6, Page 8, Page 10, Page 13
TP901-202-04-PI	Page 1, Pages 6-11, Pages 13-17, Page 20, Pages 25-26, Pages 32-33, Page 36
TP901-202-05-PI	Page 1, Page 6, Page 8, Pages 11-13, Page 15, Page 17
TP901-203-04-PI	Page 1, Page 6, Pages 9-10, Pages 13-14, Page 17
TP901-203-05-PI	Page 1, Page 5, Pages 7-9
TR901-201-02-PI	Page 1, Pages 11-24, Pages 28-29
TR901-201-03-PI	Page 1, Pages 10-24
TR901-201-04-PI	Page 1, Pages 9-10, Pages 12-18, Pages 20-21
TP901-301-05-PI	Page 1, Page 6, Pages 8-13, Pages 15-17, Pages 20-21, Page 24, Pages 28-29, Page 39
TP901-301-06-PI	Page 1, Pages 6-10, Pages 13-16, Page 20, Pages 24-26, Page 34, Page 37
TP901-301-07-PI	Page 1, Page 6, Pages 8-10, Page 12, Pages 20-21
TP901-301-08-PI	Page 1, Page 6, Page 8, Pages 10-14
VV901-304-01-PI	Page 1, Pages 3-8
VV901-301-02-PI	Page 1, Pages 3-4
VV901-302-02-PI	Page 1, Pages 3-4
VV901-303-02-PI	Page 1, Pages 3-4
VV0414-PI	Page 1, Pages 3-5 (Table 1)

The following documents were transmitted only as proprietary information:

Document Number	Description	Revision
11188_cert	Certificate of Test for environmental testing on ERD111 and ERD 921	N/A
12057_cert	Certificate of Test for environmental testing on ERD1192	N/A
47110RG1180	NEMKO EMI/RFI Test Report for ERD111 and ERD921	N/A
70369R12	Wyle Seismic Test Report for ERD1192	N/A
1029582RG1180	NEMKOEMI/RFI Test Report for ERD 1192	2
50040801DD-PI	ERD111/ERD921 Power Distribution	D
50040901BB-PI	Loop Layout Table of PCB Assemblies ERD111/TUV	B
50062001HB-PI	Loop Layout Table of PCB Assemblies ERD1192	H
50062101FD-PI	Power Distribution Test Equipment Assembly for ERD1192	F
50062201CD-PI	Cable Configuration for ERD1192	C
50062301DD-PI	Test Equipment Assembly for ERD1192	D
50062701ED-PI	Rear Panel Lefthand Assembly for ERD1192	E
50062801ED-PI	Rear Panel Righthand Assembly for ERD1192	E
50063301DD-PI	Schematic Wiring Diagram Cover Page USNRC Qualification TSAP for ERD1192	D
50063903DB-PI	Schematics FPC08 Remote 3 I/O Cards Title Page for ERD1192	D
50064005CB-PI	Logic Diagrams SBC04A Logic Symbols Remote 1 Loop 0151	C
70090701GD-PI	Schematic Wiring Diagram Cover Page USNRC Qualification TSAP for ERD111	G
70091203BD-PI	TSAP Configuration System Assembly Drawing for ERD111/ERD921	B
70500401BB-PI	Schematics TUV-TMR Field Termination Cards Remotes 1,2,3 MFT A,B,C for ERD921	B
70500402AB-PI	Schematics TUV-TMR Field Termination Cards Remotes 2 MFT B for ERD921	A
70500403AB-PI	Schematics TUV-TMR Field Termination Cards Remotes 3 MFT C for ERD921	A
70500404BB-PI	Schematics TUV-TMR Field Termination Cards Remotes 4 MFT for ERD921	B
70500801AB-PI	Schematics TUV-TMR I/O Cards Remotes 1 MFT A for ERD921	A
70500802AB-PI	Schematics TUV-TMR I/O Cards Remotes 2 MFT B for ERD921	A
70500803AB-PI	Schematics TUV-TMR I/O Cards Remotes 3 MFT C for ERD921	A
70500804AB-PI	Schematics TUV-TMR I/O Cards Remotes 4 MFT A for ERD921	A
RR901-001-06-PI	HFC-SBC04A Failure Analysis and Resolution Action Report	A
BOMs.rar	Compressed file containing bills of materials for all modules under review	N/A