



December 7, 2007

United States Nuclear Regulatory Commission
Washington, D.C. 20555

Attention: Document Control Desk

Subject: Doosan-HF Controls Submittal of the Non-Proprietary HFC-6000 Topical Report and Supporting Documentation

Reference: HFC-6000 Safety Control System

Ladies and Gentlemen:

As stated in our letter to you dated November 15, 2007, we are forwarding a copy of the Non-Proprietary version of the Topical Report and supporting documentation for the HFC 6000 Safety Control System. The proprietary version of the HFC 6000 Topical Report and supporting documentation was submitted with the November 15, 2007 letter. The proprietary information for which withholding is being requested is further identified in HFC's Affidavit signed by the owner of the proprietary information, Doosan-HF Control Cooperation. The affidavit which accompanies this letter sets forth the basis on which the information may be withheld from public disclosure by the Commission and addresses with specificity the considerations listed in paragraph (b) (4) of 10 CFR Section 2.390 of the Commission's regulations.

Doosan-HFC has employed the traditional approach for marking proprietary information by enclosing it in brackets and deleting the information from the non-proprietary version. This approach indicates without a doubt the information to be withheld from public disclosure. Each page of the proprietary version has "Proprietary" clearly stated to indicate the status of that version. This approach is in accordance with Section 2.390.

The adjacent indication of each type of proprietary material is unnecessary since the material in question consists of only one type of material, confidential commercial where its use by a competitor would improve his commercial position to the detriment of Doosan-HFC Corporation. Therefore, adjacent indication would be redundant and is considered unnecessary.

Correspondence with respect to the proprietary aspects for the application for withholding of the Doosan-HFC affidavit should reference this letter and should be addressed to the undersigned.

Yours truly,

Allen Hsu
President

Enclosures:

- 1- HFC 6000 Safety Control System Topical Report -Non-Proprietary Version
- 2- Supporting Documentation-Non-Proprietary Version
- 3- Affidavit
- 4- Non-Proprietary Justification
- 5- Proprietary Information Notice

CC. Jon Thompson, NRC
Project Directorate IV-1
Mail Stop 07D1

A. Hsu, J. Stevens, T. Gerardis, HFC

T007
Add: Jon Thompson
E. RIPS

MRR

AFFIDAVIT

STATE OF TEXAS

COUNTY OF DALLAS

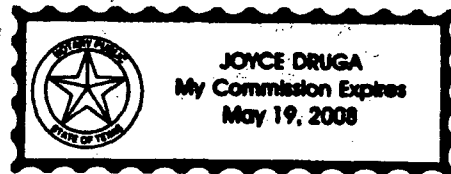
Before me, the undersigned authority, personally appeared Allen Hsu, who, being by me duly sworn according to law, deposes and says that he is authorized to execute this Affidavit on behalf of Doosan-HF Controls Corporation (HFC) and the averments of fact set forth in this Affidavit are true and correct to the best of his knowledge, information and belief:

NAME *Allen Hsu*

DATE *12/7/2007*

Sworn to and subscribed
Before me this 7TH day
Of December, 2007

Notary Public *Joyce Druga*



- (1) I am Allen Hsu, President of the Doosan HF Controls (HFC) Corporation and as such, I have been specifically delegated the function of reviewing the proprietary information sought to be withheld from public disclosure in connection with nuclear power plant licensing and rulemaking proceedings, and am authorized to apply for its withholding on behalf of Doosan-HFC Corporation.
- (2) I am making this Affidavit in conformance with the provisions of 10 CFR Section 2.390 of the Commission's regulations and in conjunction with the Doosan HFC application for withholding accompanying this affidavit.
- (3) I have personal knowledge of the criteria and procedures utilized by Doosan HFC in designating information as trade secret, privileged or as confidential commercial or financial information.
- (4) Pursuant to the provisions of paragraph (b)(4) of Section 2.390 of the Commission's regulations, the following is furnished for consideration by the Commission in determining whether the information sought to be withheld from public disclosure should be withheld.
 - (a) The information sought to be withheld from public disclosure is owned and has been held in confidence by Doosan HFC Corporation.
 - (b) The information is of a type customarily held in confidence by Doosan HFC and not customarily disclosed to the public. Doosan HFC has a rational basis for determining the types of information customarily held in confidence by it and, in that connection, uses a uniform method to determine when and whether to hold certain types of information in confidence. The application of our method and the substance of of constitutes Doosan HFC's policy and provides the rational basis required.

Under the Doosan HFC method, information is held in confidence if it falls in one or more of several types of information, the release of which might result in the loss of an existing or potential competitive advantage as follows:

- ❖ Its use by a competitor would reduce his expenditure of resources and improve his competitive position in the design, manufacture, installation, assurance of quality, or licensing a digital based I&C system.
- ❖ It reveals cost or price information, production capacities, budget levels, or commercial strategies of Doosan HFC, its customers or suppliers.

- ❖ It reveals aspects of past, present or future Doosan HFC or customer funded development plans and programs of potential commercial value to Doosan HFC.
- ❖ It contains patentable ideas, for which patent protection may be desirable.

For this affidavit, all of the information marked proprietary is because its use by a competitor would reduce his expenditure of resources and improve his competitive position in the design, manufacture, installation, assurance of quality, or licensing a digital based I&C system (type one above). This leads to an Doosan HFC need to restrict certain commercial information from the public to prevent its use by competitors and creating a commercial advantage for them to the detriment of Doosan HFC.

The development of the HFC-6000 system design is the result of many years of development by uniquely experienced personnel in an intensive effort along with the expenditure of a considerable sum of money. In order for competitors to duplicate the Doosan HFC design and applicable information, similar technical programs would have to be performed and a significant manpower effort, having the requisite talent and experience would have to be expended for the development of a digital design to equal the HFC-6000 system design.

There are sound Doosan HFC policy reasons behind the Doosan HFC proprietary designation system which include the following:

- a) The Use of such information by Doosan HFC gives Doosan HFC a competitive advantage over its competitors. It is therefore, withheld from disclosure to protect the Doosan HFC competitive position.
- b) It is information which is marketable in many ways. The extent to which such information is available to competitors diminishes the Doosan HFC ability to sell products involving the use of the information.
- c) Use by our competitors would put Doosan HFC at a competitive disadvantage by reducing their expenditure or resources at Doosan HFC expense.
- d) Each component of proprietary information pertinent to a particular competitive advantage is potentially as valuable as the total competitive advantage. If competitors acquire components of proprietary information, any one component may be the key to the entire puzzle, thereby depriving Doosan HFC of a competitive advantage.

- e) Unrestricted disclosure would jeopardize the position of Doosan HFC in the world market such as South Korea, and thereby give a market advantage to the competition in those countries.
- (5) The information is being transmitted to the Commission in confidence and, under the provisions of 10 CFR 2.390, it is to be received in confidence by the Commission.
- (6) Available information has not been previously employed in the same original The information sought to be protected is not available in public sources or manner or method to the best of our knowledge and belief.
- (7) The proprietary information sought to be withheld in the submittal is that which is appropriately marked by brackets and deletion in "HFC-6000 Safety System Topical Report," PP901-000-01 Revision A (Non-Proprietary) dated November 15, 2007 which was transmitted by letter dated November ??, 2007 from Doosan HF Controls Corporation to the U. S. Nuclear Regulatory Commission. The Proprietary version ("Proprietary" marked on each page) was previously transmitted by letter dated November 15, 2007 from Doosan HF Controls Corporation to the U. S. Nuclear Regulatory Commission.

Proprietary Information Notice

Transmitted by letter dated November 15, 2007 from Doosan-HF Controls Corporation to the US Nuclear Regulatory Commission was a Proprietary version of the Topical Report, "HFC-6000 Safety System Topical Report" furnished to the NRC in connection with a request for generic review and approval. Transmitted by letter dated November ??, 2007 from Doosan-HF Controls Corporation to the US Nuclear Regulatory Commission is a Non-Proprietary version of the same Topical Report furnished to the NRC to comply with Commission policy.

In order to conform to the requirements of 10 CFR 2.390 of the Commission's regulations concerning the protection of proprietary information so submitted to the NRC, the proprietary version is labeled with the word "Proprietary" on each page and in the Non-Proprietary version, the proprietary information has been bracketed and deleted such that only Non-Proprietary information remains. Since the Proprietary information contains only one type of proprietary information which is confidential commercial whose use by a competitor would improve his commercial position to the detriment of Doosan HFC corporation; adjacent marking for each deletion would be redundant and an unnecessary burden. The proprietary marking on each page is adequate and is compliant with Section 2.390.