

**From:** [Holonich, Joseph](#)  
**To:** [Steve Yang](#)  
**Cc:** [Yang Lu](#); [Waters, Michael](#); [Morey, Dennis](#); [Morton, Wendell](#); [Zhao, Jack](#); [Stattel, Richard](#)  
**Subject:** Final Safety Evaluation for HFC Topical Report RR9019-107-10, Amendment 4  
**Date:** Wednesday, March 17, 2021 9:30:41 AM  
**Attachments:** [Final Safety Evaluation for Topical Report RR901-107-10, Amendment 4, Amendment 4.pdf](#)

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Dr. Steve Yang  
Sr. Vice President  
HF Controls Corporation  
1624 West Crosby Road  
Suite 124  
Carrollton, TX 75006

Dear Dr. Yang;

By letter dated April 15, 2019 (Agencywide Document Access and Management System (ADAMS) Accession No. ML19109A158) HF Controls (HFC) submitted RR901-107-10-PI, "Amendment for HFC-FPGA System of HFC-6000 Safety Platform," Revision F. By email dated November 5, 2020, the U.S. Nuclear Regulatory Commission (NRC) staff issued its draft safety evaluation (SE) (ADAMS Accession Nos. ML20282A438).

HFC provided comments on the draft SE by letter dated November 10, 2020 (ADAMS Accession No. ML20315A528). A nonproprietary copy of the SE and the HFC comment table have been placed in the NRC Public Document Room and are available in ADAMS at Accession Nos. ML20315A529 and ML20314A058.

The NRC staff has found the Topical Report (TR) acceptable for referencing in licensing applications for nuclear power plants to the extent specified and under the limitations delineated in the TR and in the enclosed SE. The final SE defines the basis for our acceptance of the TR. A copy of the final SE is attached.

Our acceptance applies only to the material provided in the subject TR. We do not intend to repeat our review of the accepted material described in the TR. When the TR appears as a reference in license applications, our review will ensure that the material presented applies to the specific plant involved. License amendment requests that deviate from this TR will be subject to a plant-specific review in accordance with applicable review standards.

In accordance with the guidance provided on the NRC website, we request that HFC publish accepted versions of the proprietary and nonproprietary TR within three months of receipt of the date of this email. The accepted versions shall incorporate this email and the enclosed SE after the title page. Also, the accepted version must contain historical review information, including NRC requests for additional information (RAI) and your responses after the title page. The accepted version shall include a "-A" (designating accepted) following the TR identification symbol.

As an alternative to including the RAIs and RAI responses behind the title page, if changes to the TRs were provided to the NRC staff to support the resolution of RAI responses, and the NRC staff reviewed and approved those changes as described in the RAI responses, there are two ways that the accepted version can capture the RAIs:

1. The RAIs and RAI responses can be included as an Appendix to the accepted version.
2. The RAIs and RAI responses can be captured in the form of a table (inserted after the final SE) which summarizes the changes as shown in the approved version of the TR. The table should reference the specific RAIs and RAI responses which resulted in any changes, as shown in the accepted version of the TR.

This email and the final SE have been placed in ADAMS and made Official Agency Records. Both are declared public.

If future changes to the NRC's regulatory requirements affect the acceptability of this TR, HFC will be expected to revise the TR appropriately. Licensees referencing this TR would be expected to justify its continued applicability or evaluate their plant using the revised TR.

If you have any questions, please contact the Project Manager for the review, Joe Holonich, at [jjh1@nrc.gov](mailto:jjh1@nrc.gov)

*/RA/*

Dennis Morey, Chief  
Licensing Processes Branch  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

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