



September 23, 1992
LD-92-102

Docket No. 52-002

Attn: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Subject: System 80+ Human Factors Documentation Submittal

Reference: 1. NRC letter, Public Meeting of August 20, 1992
Regarding HFE Design Issues, September 3, 1992

Dear Sirs:

Enclosed with this letter are three attachments which provide information to support the human factors engineering (HFE) review of the System 80+ control room. This information has been discussed in recent meetings (August 20 and September 10-11) and is consistent with the resulting commitments for docketing information to close open issues in the HFE review.

Attachment 1 provides the Nuplex 80+ Advanced Control Complex Design Bases Document (NPX80-IC-DP-790-01). This document provides the bases for both human factors and instrumentation and controls related aspects of the Nuplex 80+ design.

Attachment 2 provides a concise description of how Nuplex 80+ meets the Safety Parameter Display System (SPDS) requirements of Supplement 1 to NUREG-0737, as requested by NRC in the September 10, 1992 meeting and Reference 1.

In the NRC review of the Human Factors Standards Guidelines, and Bases for System 80+, NRC identified several items "to be determined." ABB-CE is committing to incorporate the items listed in Attachment 3 into the HFE Tracking System for subsequent resolution.

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If you have any questions, please call me or Mr. Stan Ritterbusch at
(203) 285-5206.

Very truly yours,

COMBUSTION ENGINEERING, INC.



C. B. Brinkman
Acting Director
Nuclear Systems Licensing

Attachments

cc: J. Trotter (EPRI)
T. Wambach (NRC)

ATTACHMENT 1

NUPLEX 80+ ADVANCED CONTROL COMPLEX DESIGN BASES