

July 2, 1987
LD-87-036

Docket No: STN 50-470

Mr. Frank J. Miraglia
Associate Director for Projects
Office of Nuclear Reactor Regulation
Attention: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, DC 20555

Subject: Draft Licensing Basis Agreement

Reference: Letter, A. E. Scherer (C-E) to T. E. Murley (NRC),
LD-87-021, April 23, 1987

Dear Mr. Miraglia:

As you are aware, Combustion Engineering is actively involved in the national effort to develop Advanced Light Water Reactor (ALWR) designs and we are currently refining our System 80^R Pressurized Water Reactor standard design. System 80, as described in the Combustion Engineering Standard Safety Analysis Report - FSAR (CESSAR-F), currently holds a Final Design Approval and is the basis for three licensed units (two currently in -- and a third nearing -- commercial operation at the Palo Verde Nuclear Generating Station). This notable achievement is in part attributable to the professional working relationship that has been maintained between Combustion Engineering and the NRC Staff throughout the System 80 review process. It is our intention that this relationship be maintained throughout the pending review of System 80 for Design Certification.

The reference letter provided a discussion of Combustion Engineering's current plans for submitting the System 80 design for Design Certification. Also discussed was the concept of establishing at least an interim Licensing Basis Agreement (LBA), the intent of which would be to provide the procedures and guidelines that would allow a meaningful Design Certification review of System 80 to be completed.

Combustion Engineering is, therefore, pleased to provide the enclosed draft Licensing Basis Agreement for your review and comment. This draft Licensing Basis Agreement is based, in part, on the draft General Electric Licensing Basis Agreement dated February 10, 1987. Our approach is unique, however, in that the System 80 design has already been found to

Mr. Frank J. Miraglia
July 2, 1987

Page 2
LD-87-036

meet applicable NRC Rules and Regulations, and thus should require a more limited review.

The draft Licensing Basis Agreement provides you with a brief description of Combustion Engineering's System 80 Design Certification effort as well as its relation to the EPRI ALWR Design Requirements Program and the DOE Design Verification Program. Included is our anticipated schedule for the certification of System 80.

We would be pleased to meet and discuss our proposed draft at your earliest convenience. In the meantime, should you have any questions or comments on the enclosed, please feel free to contact me or Mr. S. E. Ritterbusch of my staff at (203) 285-5206.

Very truly yours,

COMBUSTION ENGINEERING, INC.



A. E. Scherer
Director
Nuclear Licensing

AES:ss
Enclosure
cc: T. E. Murley, w/o Enclosure