



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555
February 8, 1989

OFFICE OF THE
COMMISSIONER

Mr. Felix Krayeski
Library of Congress
Congressional Research Service
Washington, D.C. 20540

Dear Mr. Krayeski:

Commissioners Rogers and Curtiss and their respective staffs wish to thank you for your willingness to meet with us and discuss CRS' experience in the development of the LOCIS and SCORPIO electronic data bases. The factual information you provided on storage and IO transfer rate requirements for ASCII and image formatting was of particular help to us in understanding potential performance limits of NRC's proposed Licensing Support System (LSS).

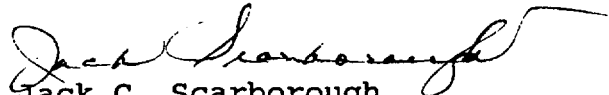
We also found of great interest your description of current trends in expert systems technology, particularly the expression of textual concepts in symbols rather than words for search algorithms.

I regret that weather conditions prevented your colleague, Mr. Price, from being with us yesterday. Please extend our appreciation to him nevertheless for his willingness to have participated.

I would very much appreciate any information on the five or so companies and their software/firmware development you referred to who are actively involved in translation of word concepts to symbols. We want to be sure the Commission and the Department of Energy are aware of these developments.

Again thank you for your time and efforts. Dr. Marcus and I would like to remain in contact with you on future CRS research in this area.

Sincerely,


Jack C. Scarborough
Technical Assistant
to Commissioner Rogers

cc: Commissioner Rogers
Commissioner Curtiss ✓