

SINCLAIR RESEARCH LABORATORIES, INC.

400 EAST SIBLEY BOULEVARD
HARVEY, ILLINOIS

E. J. MARTIN
VICE PRESIDENT AND GENERAL MANAGER

March 14, 1957

Mr. Roy C. Hagemann
United States Atomic Energy Commission
Chicago Operations Office
Lemont, Illinois

Dear Mr. Hagemann:

Sinclair Research Laboratories, Inc., is pleased to announce the opening of a new high-level radiation laboratory at its Harvey, Illinois, research center. As one who is interested in the development of atomic energy, I extend to you a most cordial invitation to be present at the dedication ceremonies at 10:00 A.M. on Tuesday, April 9, 1957.

We are grateful to you and other members of the Chicago Operations Office, as well as to the Argonne staff, for advice and other valuable assistance throughout the design and construction of our new facility. The laboratory is completely equipped to conduct advanced studies in the fields of radiation chemistry and radiation physics. Shielding for our cave has been designed with an eye to the future and will permit use of gamma-ray sources of considerably higher intensity than those now available. As you know, for the present, four spent MTR elements from Argonne will be employed, and the high-level radiation field they provide will be used to study the effects of radiation on refining and petrochemical processes, particularly those involving flow systems at elevated temperatures and pressures. We understand this will be the first use of such elements in an industrial laboratory.

The new laboratory will also contain sensitive counting equipment and, through the use of radioactive tracer techniques, we plan to extend our basic knowledge of chemical reactions, and the mechanisms of combustion, lubrication and corrosion.

We at Sinclair are optimistic about the peaceful uses of atomic energy. Our substantial investment in this new radiation laboratory is a measure of that optimism. We hope that you will be able to join us on April 9 to inspect our new installation and to be with us for luncheon. Mr. H. L. Price and a number of his staff are among those being invited from Washington.

We would appreciate knowing whether you can be with us for the occasion.

Yours very truly,



E. J. Martin

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