ADVISORY COMMITTEE ON REACTOR SAFEGUARDS
UNITED STATES ATOMIC ENERGY COMMISSION
WASHINGTON 25, D. C.

January 16, 1961

Honorable John A. McCone
Chairman
U. S. Atomic Energy Commission
Washington, D. C.

Subject: MULTIPLE REACTOR UNITS (CAMP PENDLETON)

Dear Mr. McCone:

At its thirty-first meeting on January 12-14, 1961, the Advisory Committee on Reactor Safeguards was asked by the Division of Licensing and Regulation to assist in answering the question before the Division regarding multiple nuclear reactors at a given site, and in particular the Camp Pendleton site. The referenced memorandum by Dr. Beck was presented.

The Committee is in agreement with the memorandum that the exclusion area should be substantially more than the 90 acres specifically allocated to the Southern California Edison Company. The Committee is not prepared to advise on any specific values for distances for more than one reactor unit in this general area. Specific proposals would require more data and the opportunity for the Committee to study the data.

In order to give adequate protection to the health and safety of the public against accidental release of radioactive material, the Committee believes the following comments will be helpful:

> It seems reasonable to assume that each of the units can be so located and constructed that an accident to one unit will not precipitate an accident to the others whether initiated by external or internal means.

It is especially important to assure that significant
coupling between reactors does not occur. This problem
is complex and will require detailed consideration of such
items as common facilities, utilities, manpower, maintenance,
etc.

Without further knowledge of the exact situation, it is impossible to
give more definite answers at this time.

Sincerely yours,

/s/ T. J. Thompson

T. J. Thompson
Chairman

Reference:
Memorandum, C. K. Beck to A. R. Luedecke, subject, Comments on the
Camp Pendleton Site, December 19, 1960

cc: A. R. Luedecke, GM
      W. F. Finan, AGMRS
      H. L. Price, Dir., DL&R