

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

June 8, 1960

Honorable John A. McCone
Chairman
U. S. Atomic Energy Commission
Washington 25, D. C.

Subject: IMPROVED CYCLE BOILING WATER REACTOR (ICBWR) -
DEPARTMENT OF WATER AND POWER OF THE CITY OF
LOS ANGELES

Dear Mr. McCone:

At a special meeting of the Advisory Committee on Reactor Safeguards held in Boston on June 7, 1960, the site for the improved cycle prototype boiling water reactor (ICBWR) for the Department of Water and Power of the City of Los Angeles was considered. Members of the staff of the Atomic Energy Commission met with the Committee to discuss this problem. Drs. Silverman and McCullough, together with Mr. John Newell of the Hazards Evaluation Branch, had visited the site and made an aerial survey on Saturday, June 4th. The Committee had for review a site report from the Department of Water and Power of the City of Los Angeles and, in addition, had the benefit of comments from the Atomic Energy Commission staff and others.

It is the opinion of the Committee that before a reactor is constructed at this site a detailed environmental survey on its hydrological and meteorological aspects should be completed, the latter stressing the atmospheric dispersion characteristics peculiar to this site.

The Committee is aware that the Department of Water and Power of the City of Los Angeles is contemplating the use of this site "for future Dresden size plants" in addition to the proposed 50 MWE prototype boiling water reactor. It is the Committee's understanding that its opinion is being sought only on the suitability of this site for the 50 MWE reactor. On the basis of

6/8/60

the preliminary data now available, the Committee concludes that this site is suitable for a 50 MWE boiling water reactor which follows existing technology. The Committee has doubts whether this site can be safely expanded into a large power complex.

Sincerely yours,

/s/

Leslie Silverman
Chairman

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

Reference

Description of Site for Nuclear Power Plant
by Department of Water and Power of the
City of Los Angeles, undated, received by
ACRS on May 17, 1960.