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A. W. Dromerick, Chief
Structural Engineering Branch
Division of Reactor Standards

INDIAN POINT NO. 2 - FONCON MAY 27, 1970

A conference call was held on May 27, 1970, between the following:

Dr. Newmark,	N. M. Newmark & Associates
J. Stevenson,	Westinghouse
V. Gonnella,	Consolidated Edison
J. Knight,	AEC, Division of Reactor Standards
G. Arndt,	AEC, Division of Reactor Standards

The discussion was on piping seismic inputs for Indian Point #2. J. Stevenson clarified the floor response used in the piping analyses, and explained that the WESTDYNE CODE combined modal forces to get piping responses. Dr. Newmark was satisfied with the explanations given, and no further documentation is required.

Two documented statements are to be submitted by the applicant, both concerning piping supports. The applicant will state the magnitude and effects of relative deformation of piping supports under out-of-phase seismic loads. It was indicated that these had been investigated, but found to be negligible.

Also to be documented is the verbal information that the piping systems have been reanalyzed based on "as-built" support locations.

Consolidated Edison will be notified as to how to submit this information, and upon its receipt Dr. Newmark will finalize and send in his report on Indian Point #2.

E. G. Arndt
Structural Engineering Branch
Division of Reactor Standards

cc: R. DeYoung, DRL
R. Maccary, DRS
D. Muller, DRL

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SURNAME ▶	A. Gluckmann, DRS	EGArndt:ewe	ADromerick		
DATE ▶	J. Knight, DRS	5-28-70	5-28-70		
	G. Arndt, DRS				

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RE: CONSOLIDATED EDISON COMPANY - INDIAN POINT 2

The licensee and his contractors are evaluating the results of a survey of the as-built reinforcement bar and Cadweld installation for the north access opening at the subject facility. During a preliminary review of this information, the assigned inspector noted numerous conditions where the staggering of adjacent Cadwelds was limited or nonexistent. In addition, it appears that a problem may exist concerning concrete coverage of the exterior bars.

The FSAR does not establish requirements for Cadweld stagger. However, we have been interested in Cadweld staggering at other facilities. Accordingly, please review the enclosed information and develop Compliance recommendations concerning the adequacy of the proposed operation. It should be noted that concrete placement is scheduled for June 1970 and that

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similar surveys will be available to our inspector for the personnel and equipment hatch openings in the near future. Please let me know if we can obtain any further information to assist you.

Enclosures:

Survey Information -

UE&C, Inc. memo of 4/3/70

and UE&C, Inc. ltr to WH of

1/12/70 w/encls

w/o enclosures

bcc w/o encls:

FJNolan, CO

J. P. O'Reilly, CO

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