

William J. Cahill, Jr.
Vice President

50-247

Consolidated Edison Company of New York, Inc.
4 Irving Place, New York, N Y 10003
Telephone (212) 460-3819

RELATED CORRESPONDENCE

February 11, 1976

Director of Nuclear Reactor Regulation
Attn: Mr. Domenic B. Vassallo, Chief
Light Water Reactor Branch No. 5
Division of Project Management
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Dear Mr. Vassallo

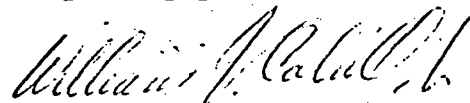
As you requested, forwarded herewith are forty (40) copies of Plates K-17A, 17B, 17C and 17D which provide additional photographic documentation for Sample D-1. These plates should be inserted behind Plate K-17 in the January 19, 1976 supplement to the Dames and Moore report entitled, "Supplemental Geological Investigation of the Indian Point Generating Station".

The photomicrographs on Plates K-17, A, C and D show unstrained calcite crystals which formed in the NNE fault (F2 - see Appendix K). Plate K-17B shows a primary fluid inclusion in Sample D-1.

Any movement along this fault (F2) most likely would have crushed or at least strained these crystals.

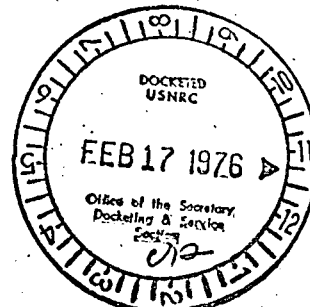
Also forwarded herewith are forty (40) copies of higher quality reproductions of Plate L-1 which should be substituted for Plate L-1 presently contained in the supplement.

Very truly yours



William J. Cahill, Jr.
Vice President

enc.
mk



8111130074 760211
PDR ADOCK 05000247
PDR

RELATED CORRESPONDENCE

LAW OFFICES OF

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February 13, 1976

David S. Fleischaker, Esq.
Roisman, Kessler and Cashdan
1712 N Street, N.W.
Washington, D. C. 20036

Re: Indian Point Seismic
Proceeding

Dear David:

Enclosed are copies of 5 photographic plates augmenting the January 17 supplement to the Dames and Moore report, "Supplemental Geological Investigation of the Indian Point Generating Station." A copy of Mr. William J. Cahill's letter to Mr. Domenic B. Vassallo transmitting those plates is also enclosed.

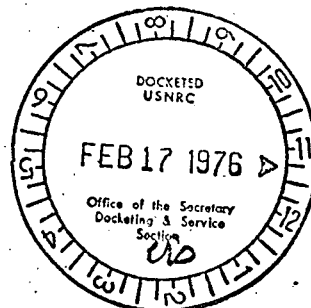
Yours truly,

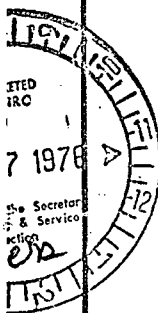
Patrick K. O'Hare

Patrick K. O'Hare

Enclosures

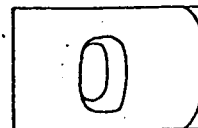
cc w/enc:
Michael C. Farrar, Esq.
Dr. John H. Buck
Dr. Lawrence R. Quarles
Frederic S. Gray, Esq.
Hendrick Hudson Free Library
New York State Atomic Energy
Council
Secretary, U.S.N.R.C.



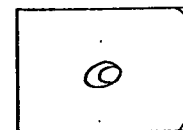
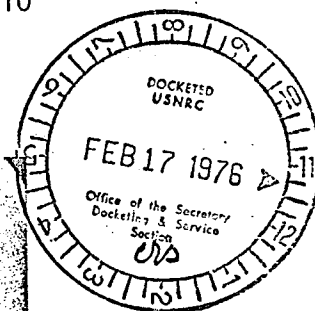
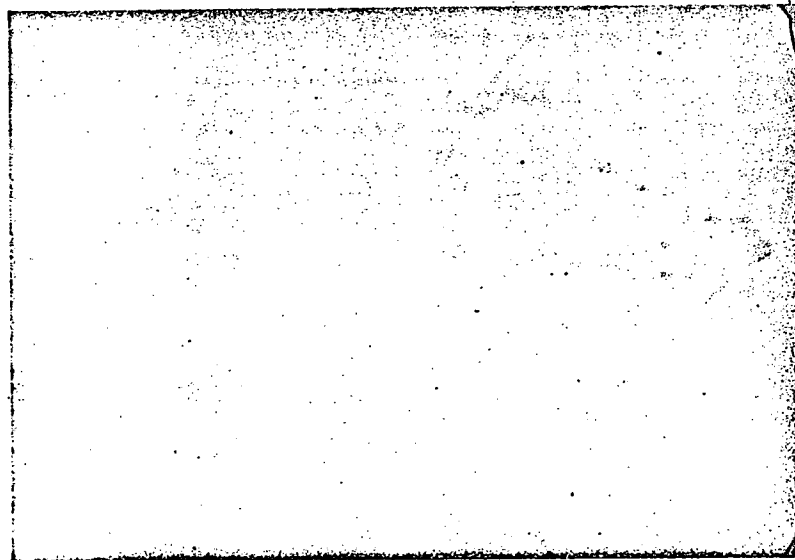


PHOTOMICROGRAPHS OF HYDROTHERMAL CALCITE IN CONTACT WITH COUNTRY ROCK.
 SAMPLE FROM STATION ND-1. NOTE THE EUHEDRAL, POINTED CRYSTAL OF CALCITE SPAR.
 TOP PHOTO - PLANE LIGHT: MAGNIFICATION = $\times 20$,
 BOTTOM PHOTO - X-NICOLS: MAGNIFICATION = $\times 20$.

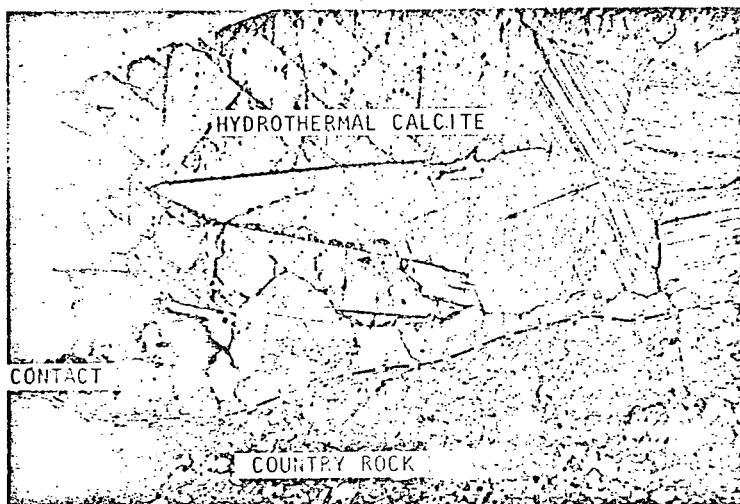
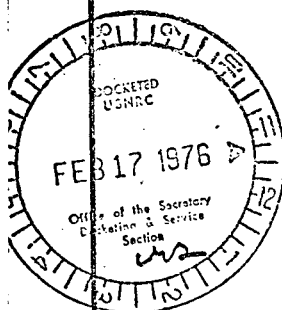
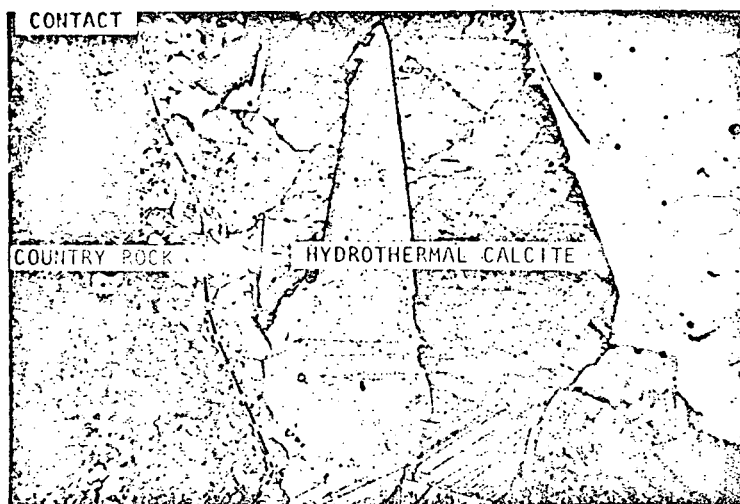
DANES & MOORE



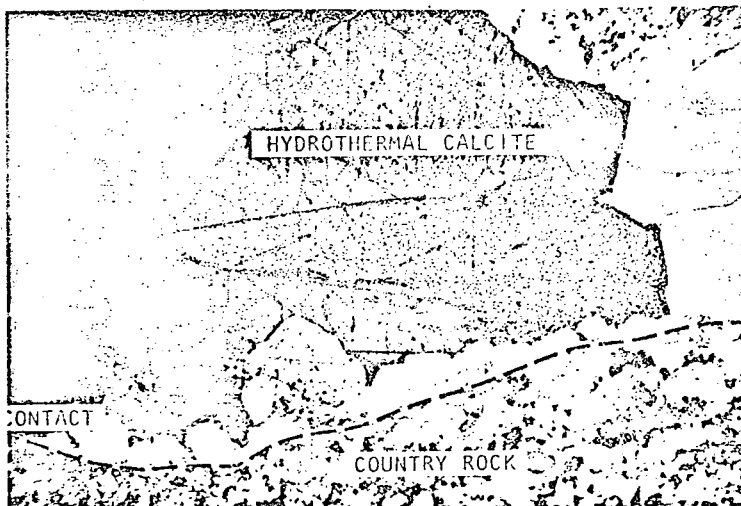
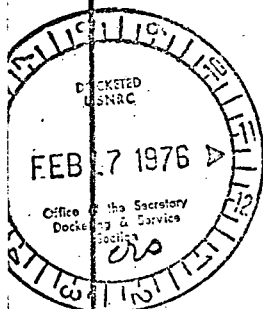
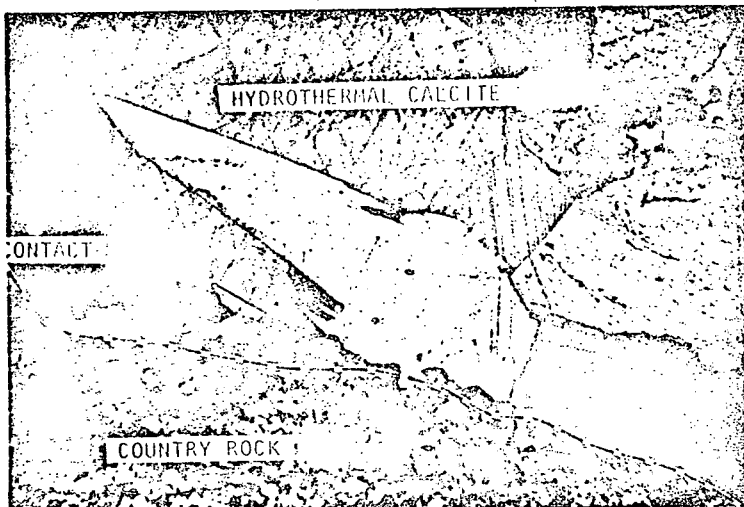
PHOTOMICROGRAPH OF A VERY LARGE DARK PRIMARY FLUID INCLUSION WITH A DARK VAPOR BUBBLE IN SAMPLE D-1. THIS INCLUSION HAS A NEGATIVE CRYSTAL FORM THAT IS DIAGNOSTIC OF PRIMARY INCLUSIONS. LENGTH OF PHOTO 61 MICROMETERS.



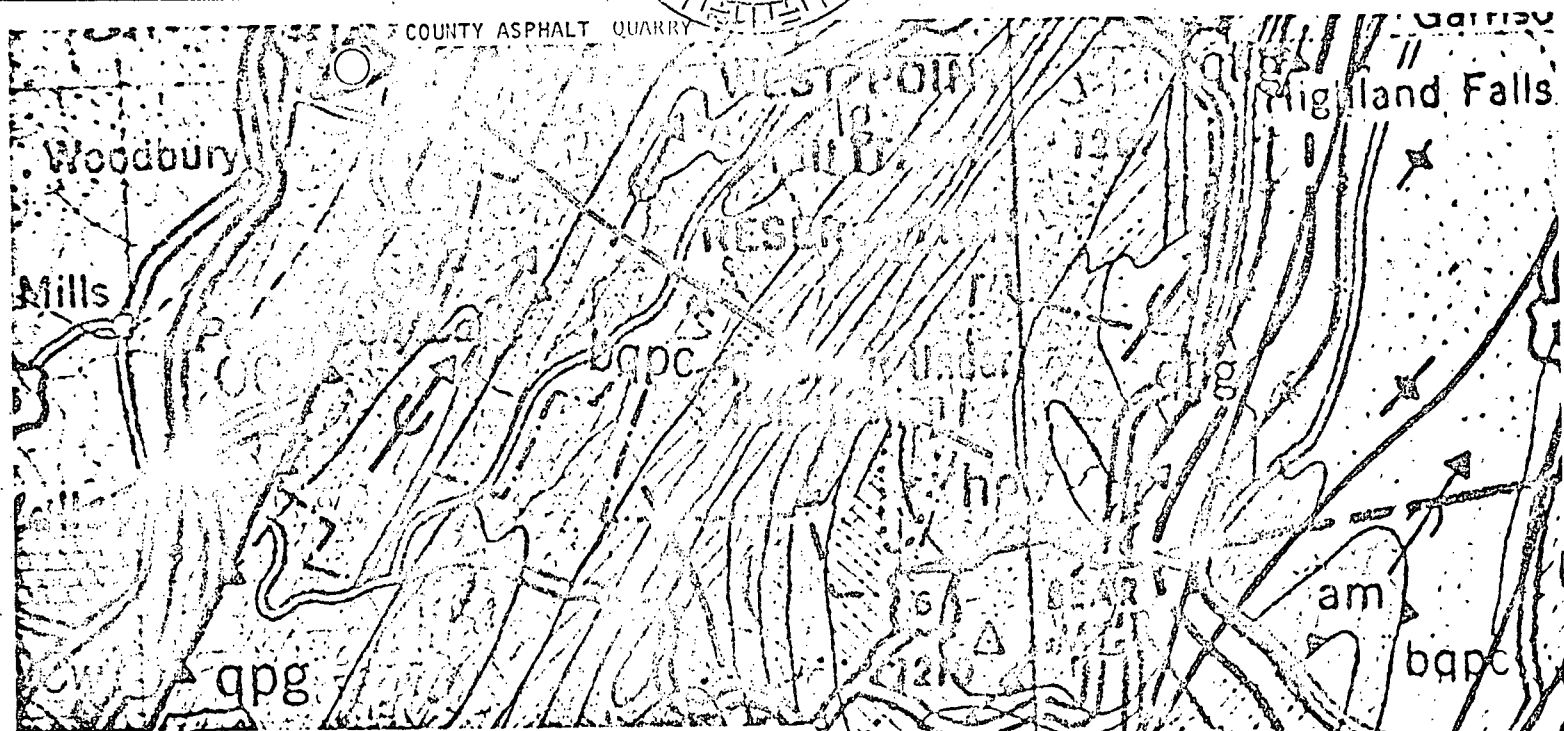
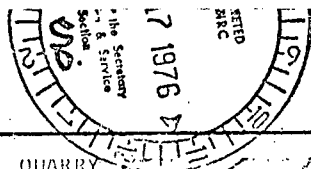
PHOTOMICROGRAPH OF A SINGLE PRIMARY FLUID INCLUSION AND VAPOR BUBBLE IN SAMPLE D-1. LENGTH OF PHOTO 61 MICROMETERS.



PHOTOMICROGRAPHS OF HYDROTHERMAL CALCITE IN CONTACT WITH COUNTRY ROCK.
 SAMPLE FROM STATION NO-1. NOTE THE EUHEDRAL, POINTED CRYSTAL OF CALCITE SPAR.
 PLANE LIGHT:MAGNIFICATION = $\times 13$

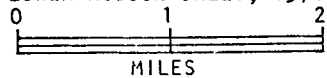


PHOTOMICROGRAPHS OF HYDROTHERMAL CALCITE IN CONTACT WITH COUNTRY ROCK.
 SAMPLE FROM STATION ND-1. NOTE THE EUHEDRAL, POINTED CRYSTAL OF CALCITE SPAR.
 X-NICOLS:MAGNIFICATION = $\times 13$



**DISTRIBUTION OF ROCK UNITS IN THE AREA BETWEEN
THE SITE AND THE COUNTY ASPHALT QUARRY**

FROM THE GEOLOGIC MAP OF NEW YORK,
LOWER HUDSON SHEET, 1970



LEGEND:

- UNDIFFERENTIATED PALEZOIC ROCKS: Oba O6 O6w Dh Oma
UNDIFFERENTIATED PRECAMBRIAN ROCKS: am amg bapc hg lg qpg
gtlg rg
STANDARD STRUCTURAL SYMBOLS FROM GEOLOGIC MAP OF NY.

DANIEL G. MOORE