



ENS/DISK14/COTTER/PTP/LV

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D. C. 20555

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TO: Judge B. Paul Cotter, ASLBP, M/S EW-439

FROM: Paul T. Prestholt, Sr. On-Site Licensing Representative

DATE: October 11, 1988

SUBJECT: NEVADA TEST SITE AND G TUNNEL COMPLEX - (Maps)

Please find enclosed the above-referenced maps.

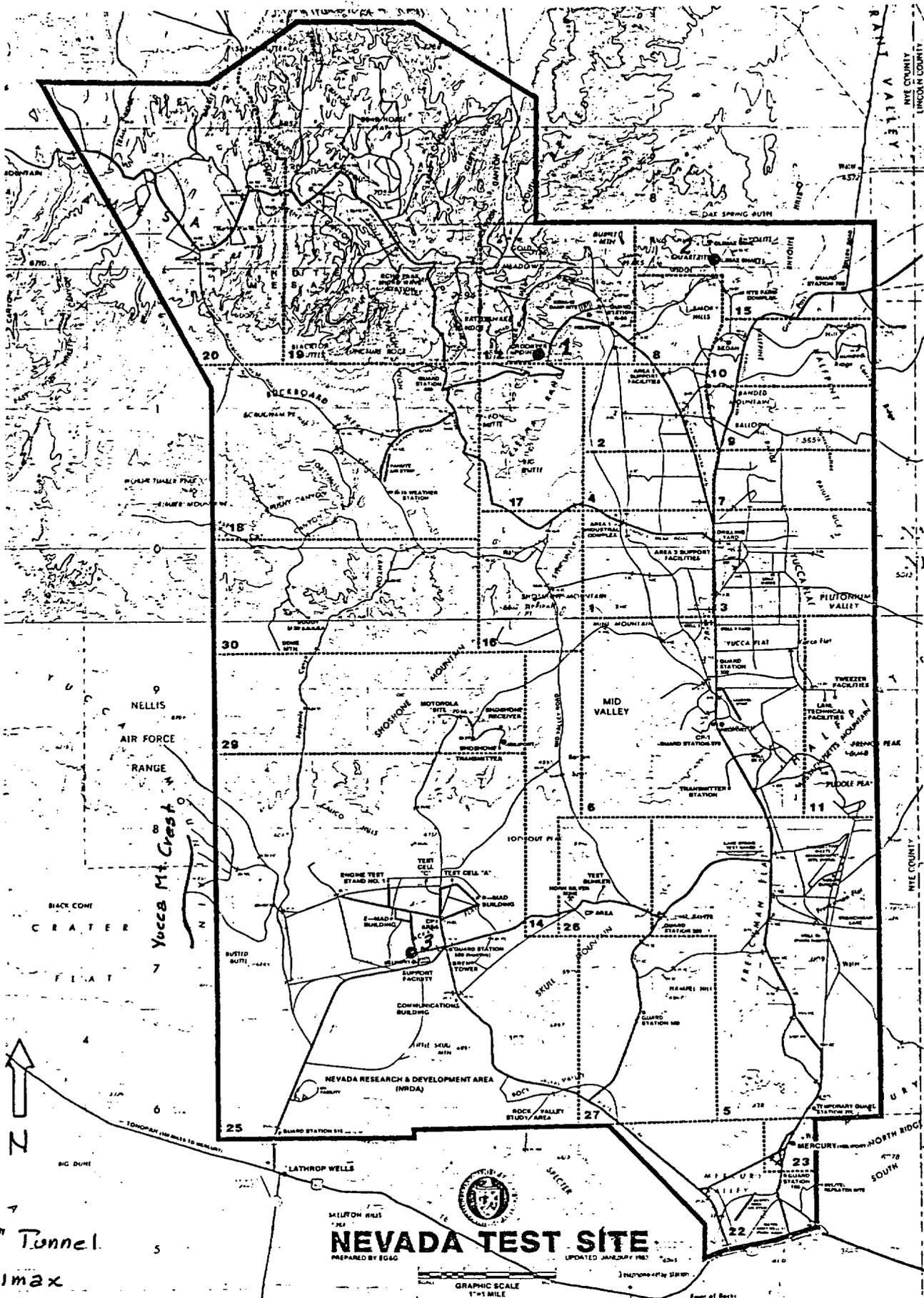
NNWSI researchers are conducting tests and experiments in a G-Tunnel tuff formation at the NTS. Use of this weapons testing tunnel has provided economic access to a similar variety of tuff at about the same depth as the candidate repository horizon at Yucca Mountain. A research and test area was developed about 1.3 miles back in G-Tunnel for conducting tests and experiments in the field and for obtaining tuff samples for testing in the laboratory. The rock mechanics (response of rock to thermal and structural changes) data obtained are being used to establish and improve the methodology to be used for testing and evaluating the horizon of interest in the Exploratory Shaft Facility and to validate the computer codes used in modeling repository performance. In addition, the G-Tunnel results will be correlated with data obtained via the Exploratory Shaft Facility.

PTP:nan

cc: John J. Linehan, Chief, HLPM, w/enc.

A handwritten signature in cursive script, appearing to read "Paul T. Prestholt".

10/12/88
NH03 1/1



- 1 - "G" Tunnel
- 2 - Climax
- 3 - Sample Management

NEVADA TEST SITE

PREPARED BY EG&G

UPDATED JANUARY 1965

GRAPHIC SCALE
1" = 1 MILE

3 INCHES = 1 MILE

Four of Eight

G TUNNEL COMPLEX

