G S A

ODP-9-349

1 MAR 1979

Mr. Gerald W. Findley
Director, Special Projects Staff (CDD)
Automated Data and
 Telecommunications Service
General Services Administration
18th & F Streets, N. W.
Washington, D. C. 20405

Re: Draft of Remote Terminal Emulation Specification
    for Federal ADP System Procurements

Dear Mr. Findley:

    The submitted draft was reviewed by me and
other interested parties in the Agency. In general,
we find this draft valuable in providing a documented
framework for benchmarks requiring terminal emulation.

    For our purposes this specification represents
a minimum requirement because of the limitations
detailed below:

        a. the omission of encryption
            decryption hardware emulation,
            page 43, would not provide
            realistic throughput data rates
            or realistic delays in data
            transmission,

        b. the lack of buffering for
            printers, page 44,

        c. the limit of 24 lines with
            buffers of less than 2200
            characters for interactive
            devices is less than our
            present equipment (cf, pp.
            47, 49),

d. there is no asynchronous inter-
mediate device such as a front
end processor identified in
table III-2, pp. 52-53,

and,

e. the limit of 256 communications
links would not provide a true
test of a system with require-
ments to support 1000-2000
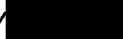terminals with more than
256 units active at any time.

STATINTL

Chief, Management Staff
Office of Data Processing
Central Intelligence Agency
Washington, D. C., 20505

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