

## NUCLEAR REGULATORY COMMISSION WASHINGTON, D.C. 20555

COMJA-80-37

January 21, 1.81

MEMORANDUM FOR:

William J. Dircks, Executive Director

for Operations

FROM:

Samuel J. Chilk, Secreta

SUBJECT:

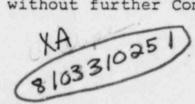
ACTION PLAN III.A.1.2 -

Subsequent to the October 30, 1980 Commission meeting on the subject matter, the staff responded by memorandum dated November 12, 1980 in which a number of options were delineated (Enclosure 1 of November 12, 1980 memorandum - a marked-up copy is enclosed).

Among the various options proposed for EOF's, the Commission approves Option 2 (two facilities) for all reactor facilities licensed or to be licensed for operation. The Commission also approves a modified Option 4 (one facility and no protection factor) for all reactors if the EOF is located at or beyond 10 miles from the reactor with the provision that if the EOF is located beyond 20 miles, specific Commission approval is required\* and arrangements to locate the NRC staff closer to the reactor are provided. The footnotes in Enclosure 1 to the November 12 memorandum apply, as noted on the modified copy enclosed. The TVA arrangement for a centralized EOF is acceptable as a special case of Option 4, with the addition of some provisions near each site for the NRC site team. These provisions need not be elaborate and would be satisfied by a trailer with connections to the TVA emergency communications network.

The Commission as a whole does not have a preference for either of the two options. In coming to this decision, the Commission recognizes that it is the licensees' responsibility to decide where and how their EOF should be built, as long as they meet the criteria required by either option, as modified by this memorandum.

<sup>\*</sup>Chairman Ahearne believes that the EDO is capable of determining the acceptability of exceptions to guidelines in either option without further Commission guidance.







By this memorandum, the staff is hereby instructed to proceed with the issuance of Action Plan III.A.1.2.

Enclosure: As Stated

Cc:
Chairman Ahearne
Commissioner Gilinsky
Commissioner Hendrie
Commissioner Bradford
Commission Staff Offices



## EMERGENCY OPERATIONS FACILITY

## 01.11011 14 One facility

Within about 10 Miles

Full & habitably following Accident \*\*\*

Specified Protection factors

Ulstance 50 1/2 Mile 25 Mille 5 IN les to miles

Ventilation system Asolation

- III.PA Hilters
- Charcoal filters

## 0111011 2\* INT FACILITIES 44

- Close-in primary: reduced habitability\*\*\*
  - within 10 miles
  - protection factor . 5
  - ventilation isolation with HEPA (no charcoal)
- Hackup EOF
  - · between 10-20 miles
  - no separate, dedicated facility
  - · arrangements for portable backup equipment
  - · strongly recommend location be coordinated with offsite authorities
  - continuity of dose projection and decision making capability

OPTION 14 Due Facility

- Vo 15 mMes
- Well engineered. no spholal protection factors
- No knectal ventilatton Isolation or filters
- Strongly recovered location be cohrdinated with offsite authorities

OPTION 3A\* Iwo facilities\*\*

Close-in primary: educed habitability

- About 5 miles
- Hell enginedred. no special forotection factors
- No special ventilation isplation or Illides
- Strong Vx recommend location be coordinated with offsite authovittes
- B. Backup [VF
  - Betheen 10-20 hiles
  - Ne separate, Dedicated Vacility
  - Arrangements for portable backup equipment
  - Strongly recommend location be coordinated with offs te authorities
  - Continuity of dose projectlyn and decision making capability

0PT10H 4\* One facility " AT OR THE YOUD IC · -5-toAl5-miles

- -Well-engineered
- No SPECIALLES protection factor 10-
- -11-5-to 10 miles, ventilation isola-Hon-and-HEPA--filters -
- Strongly recommend location be coordinated with offsite authorities
- . IF REYOND TO MILES SOUR PROJECTION FOR MRC SITE TEAM CLOSER TO SITE

SPECIFIC APPROUNT

- for all Options:
  - Incated outside security boundary
  - Space for about 10 flft, employees
  - Home designed for severe phenomena, e.g., earthquakes
- for Option 1 and 4 If to regionize to this requirement a utility has begun construction of a new building for an EOF that is located within 5 miles, that new facility is acceptable provided that a backup EOF similar to "D" in Option 2 or AA is provided.
- Habitability requirements are only for that part of the tor is which dose assessments communications and decision making take place.