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

MEMORANDUM FOR: Ed Fay, Office of Congressional Affairs

THRU: Leo B. Higginbotham, Assistant Director, Division
of Fuel Facility and Materials Safety Inspection, IE

FROM: L. J. Cunningham, Division of Fuel Facility and Materials
Safety Inspection, IE

SUBJECT: CONGRESSIONAL INQUIRY ON TMT

Enclosed are copies of data requested by Sandy Spector for use by the Subcommittee on Energy and Nuclear Proliferation. The request was made directly to me by telephone on April 16, 1979.

He requested that data be sent as follows:

Sandy Spector
Dirksen Office Bldg.
Room 6206
Washington, D. C. 20510

L. J. Cunningham
Division of Fuel Facility and
Materials Safety Inspection, IE

Enclosure: As Stated

CONTACT: L. J. Cunningham
492-8188

185 041

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Table 3.12.

27
PROJECTED 1980 POPULATION DISTRIBUTION, 0-10 MILES
THREE MILE ISLAND NUCLEAR STATION, UNIT 2
(FROM FIG. 2.1-5 of SAR)

Sector	Distance (Miles)						0 - 10
	0 - 1	1 - 2	2 - 3	3 - 4	4 - 5	5 - 10	
N	19	212	3,970	3,772	415	11,840	20,228
NNE	55	75	169	480	373	11,223	12,375
NE	42	134	271	428	186	2,246	3,307
ENE	38	55	186	461	262	1,567	2,589
E	42	60	39	137	552	10,431	11,261
ESE	6	36	149	214	236	2,809	3,450
SE	6	94	67	203	395	2,095	2,854
SSE	88	197	117	78	43	3,840	4,364
S	0	0	136	817	1,317	12,190	14,460
SSW	84	98	584	217	752	6,883	8,610
SW	84	104	181	562	219	4,297	5,447
WSW	29	273	117	796	237	2,961	4,413
W	36	369	36	331	571	7,155	8,498
WNW	22	106	253	197	235	11,823	12,636
NW	39	106	64	41	1,177	29,482	30,909
NNW	48	98	1,240	942	1,921	16,632	20,881
	<u>658</u>	<u>2,017</u>	<u>7,579</u>	<u>9,676</u>	<u>8,891</u>	<u>136,474</u>	<u>166,295</u>

Tables from draft report "Estimate of Population Doses and Health Effects" by interagency group for dose assessment.

Table 3.13.

PROJECTED 1980 POPULATION DISTRIBUTION, 10-50 MILES
THREE MILE ISLAND NUCLEAR STATION, UNIT 2
(FROM FIG. 2.1-10 of SAR)

<u>Sector</u>	<u>Distance (Miles)</u>				<u>Total</u>
	<u>10-20</u>	<u>20-30</u>	<u>30-40</u>	<u>40-50</u>	<u>10-50</u>
N	12,663	9,005	8,941	47,588	78,197
NNE	18,240	6,856	14,478	45,115	84,659
NE	39,726	38,979	9,546	62,345	150,596
ENE	10,205	14,757	45,445	177,672	284,079
E	18,853	52,028	42,445	38,754	162,080
ESE	34,339	124,988	27,822	42,737	229,886
SE	20,152	10,000	10,600	26,958	67,710
SSE	44,204	10,774	15,097	66,763	136,838
S	111,002	14,648	13,477	75,781	214,908
SSW	31,917	44,031	18,596	37,729	132,273
SW	11,801	19,931	25,536	18,979	76,247
WSW	5,882	7,926	8,948	23,010	45,836
W	21,769	35,025	10,370	20,602	87,766
WNW	70,460	14,188	5,333	3,681	93,662
NW	99,593	9,308	9,970	12,630	131,501
NNW	26,482	10,517	7,256	12,856	57,121
Total	<u>577,288</u>	<u>433,001</u>	<u>273,860</u>	<u>713,210</u>	<u>1,997,359</u>

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DISTANCE	TOTAL	CUM. TOTAL
0-1 MI.	658	
1-2 MI.	2,017	2,675
2-3 MI.	7,579	10,254
3-4 MI.	9,676	19,930
4-5 MI.	8,891	28,821
5-10 MI.	137,474	166,295

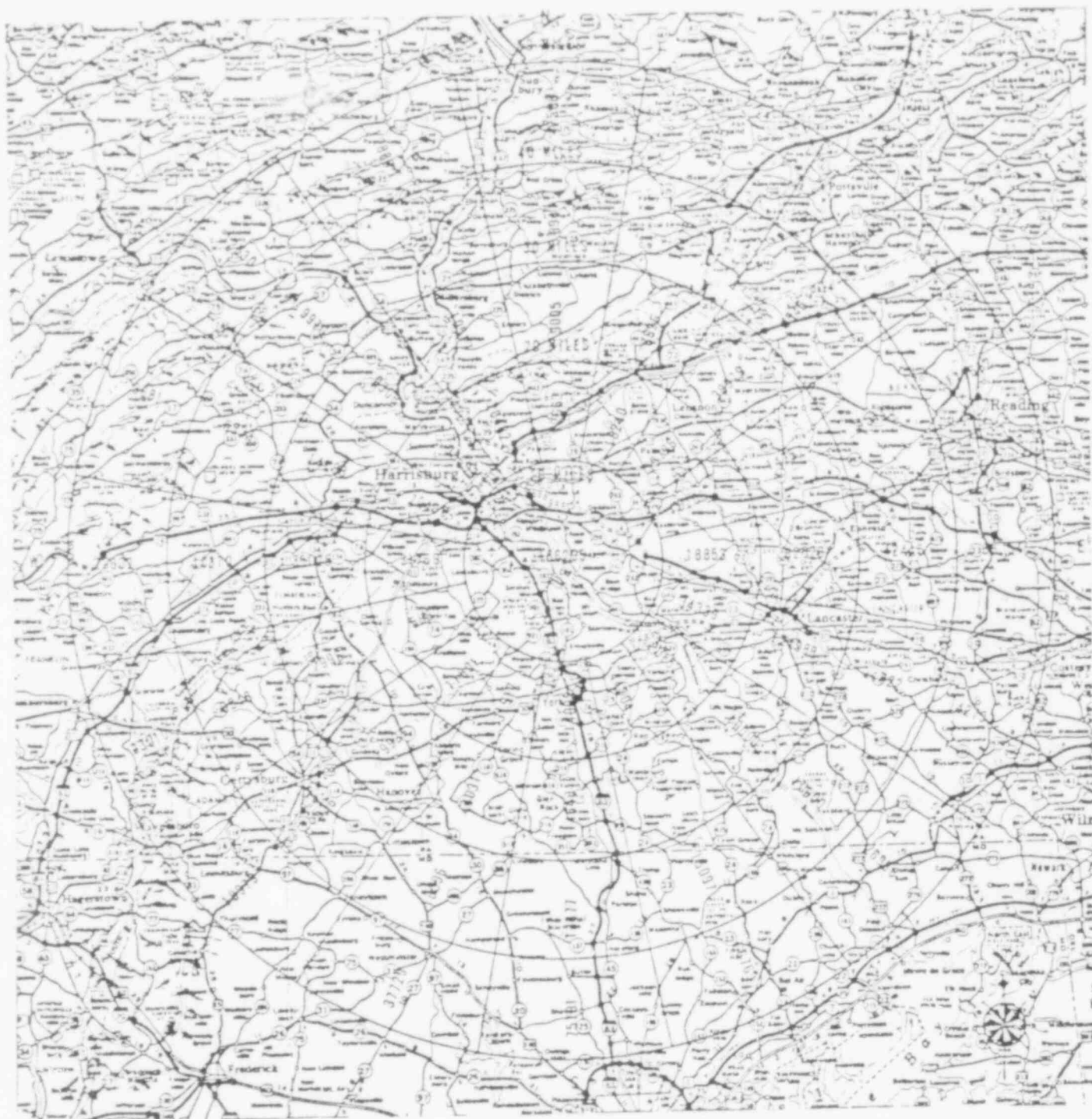
* EXCLUSION RADIUS

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POPULATION DISTRIBUTION
0 TO 10 MILES - 1980

THREE MILE ISLAND NUCLEAR STATION UNIT 2



FIGURE 2.1-5



DISTANCE	TOTAL	CUM. TOTAL
0-10 MI.	166,295	
10-20 MI.	577,288	743,583
20-30 MI.	433,001	1,176,584
30-40 MI.	273,957	1,450,541
40-50 MI.	713,210	2,163,751

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POPULATION DISTRIBUTION
0 TO 50 MILES - 1980
THREE MILE ISLAND NUCLEAR STATION UNIT 2



FIGURE 2.1-10