

AIF/NESP-019

**NUCLEAR POWER PLANT DEMOGRAPHIC
SITING CRITERIA**

Prepared for the
National Environmental Studies Project
of the
Atomic Industrial Forum, Inc.

By
J.J. DiNunno
Saul Levine

NUS Corporation
Rockville, Maryland

December 1980

Nuclear Power Plant Demographic Siting Criteria

INDUSTRY TASK FORCE MEMBERS

Evelyn Madsen
Task Force Leader
The Detroit Edison Company

Raymond Bagley
Northeast Utilities

Donald Blackmon
Task Force Co-leader
Duke Power Company

T.E. Byerley
Georgia Power Company

Ralph Green
Consumers Power Company

William L. Heilman
Northwest Energy Services Company

John Iacovino
Westinghouse Electric Corporation

Russell MacPherson
Yankee Atomic Electric Company

Charles McDonough
Commonwealth Edison Company

Jan Norris
Task Force Liaison
U.S. Nuclear Regulatory Commission

Paul J. Pettit
Task Force Secretary
Atomic Industrial Forum, Inc.

Ted Ringger
Middle South Services, Inc.

NOTICE

This report was prepared as an account of work sponsored by the Atomic Industrial Forum. Neither the Atomic Industrial Forum, nor any of its employees, makes any warranty, expressed or implied, or assumes legal liability or responsibility for the accuracy, completeness or usefulness of any information, apparatus, product or process disclosed, or represents that its use would not infringe privately-owned rights.

The opinions, conclusions, and recommendations set forth in this report are those of the authors and do not necessarily represent the views of the Atomic Industrial Forum, Inc., its members, or its consultants.

Because NESF is supported in part by Federal funds, the following notice is required by Federal regulations:

The Atomic Industrial Forum's NESF activities are subject to Title VI of the Civil Rights Act of 1964, which prohibits discrimination based on race, color, or national origin. Written complaints of exclusion, denial of benefits, or other discrimination on those bases under this program may be filed with (among others) the Tennessee Valley Authority (TVA), Office of EEO, 400 Commerce Avenue EPB14, Knoxville, TN 37902, and must be *filed not later than 90 days from the date of the alleged discrimination*. Applicable TVA regulations appear in part 302 of Title 18, Code of Federal Regulations. Copies of the regulations, or further information, may be obtained from the above address on request.

Copyright © 1980 by
Atomic Industrial Forum, Inc.
7101 Wisconsin Avenue
Washington, D.C. 20014
All rights reserved.

\$15.00 Sponsors/\$45.00 Non-sponsors

PREFACE

To fulfill a mandate from Congress, the Nuclear Regulatory Commission (NRC) proposes to establish specific population density and distribution criteria for the siting of nuclear power plants. The NRC recognizes the desirability of establishing generic criteria that minimize the risk from energy generation from various sources; however, no indication is given as to how the new population limits would be set nor how "regions" available for siting of plants would be established.

The proposed rulemaking represents a major revision in policy which can result in several uncertainties for the licensing of future sites, as well as for the continued operation of existing plants. Because of the broad importance of this rulemaking, the Atomic Industrial Forum's National Environmental Studies Project (NESP) undertook a study to provide technical information that would help develop perspective on questions of population, safety, and site requirements. The effort was intended to help improve overall public health and safety, and to prevent the unnecessary preclusion of valuable sites that may be needed at some future time.

This report provides a technical examination of basic concepts that may be of use to NRC in establishing their philosophy and approach to new population criteria. While it is desirable to improve the public health and safety and to establish new criteria that would lend elements of certainty to the licensing process, it appears that the NRC rulemaking on siting is premature until a generic safety goal is established.

Significant contributions to this effort were made by the Industry Task Force (inside cover) which designed and guided the study.

Paul J. Pettit
NESP Manager
Atomic Industrial Forum, Inc.

REPORT TO:
ATOMIC INDUSTRIAL FORUM
NATIONAL ENVIRONMENTAL STUDIES PROJECT
NUCLEAR POWER PLANT DEMOGRAPHIC SITING CRITERIA

Prepared by

Joseph J. DiNunno

Saul Levine

NUS Corporation
4 Research Place
Rockville, MD 20850

TABLE OF CONTENTS

<u>Section No.</u>		<u>Page</u>
1.0	Introduction	1
	1.1 Purpose	1
	1.2 Background	1
2.0	Definition of a Region	4
3.0	Population Criteria Approaches	7
4.0	Regional Population Characterization	9
5.0	Consideration of Potential Accident Risks	12
6.0	Summary	15
7.0	Conclusions	17
	References	18
	Appendix A	
	Appendix B	

LIST OF TABLES

<u>Table No.</u>	<u>Title</u>	<u>Page</u>
1	Potential Sites vs. Qualifying Sites	20
2	Sites Qualifying as a Function of Regional Density Definition	21
3	Number of Sites With Site Density Less Than or Equal to Fixed Values (Reference Year 1990) (New England Geographic Region)	22
4	Number of Sites With Site Density Less Than or Equal to Fixed Values (Reference Year 1990) (Ohio Geographic Region)	23
5	Number of Sites With Site Densities (1990) Less Than or Equal to K (Candidate Area Density)	24
6	Risk vs. Population Densities	25
7	Site Population Densities vs. Risk, Ohio Geographic Region	26
8	Site Population Densities vs. Risk, New England Geographic Region	27
9	Site Specific Risk Assessment Expected Early Fatalities per Year per 1000 MW PWR Plant, Ohio Geographic Region	28
10	Site Specific Risk Assessment Expected Early Fatalities per Year per 1000 MW PWR Plant, New England Geographic Region	29
11	Site Specific Risk Assessment Expected Early Fatalities per Year per 1000 MW PWR Plant, Arizona Geographic Region	30
12	Site Specific Risk Assessment Expected Early Fatalities per Year per 1000 MW PWR Plant, Washington Geographic Region	31

LIST OF FIGURES

<u>Figure No.</u>	<u>Title</u>	<u>Page</u>
1	New England Candidate Areas	32
2	Ohio Candidate Areas	33
3	Alter Valley, Arizona Candidate Areas	34
4	Harquahala Valley, Arizona Candidate Areas	35
5	Lower Colorado River, Arizona Candidate Areas	36
6	Columbia River, Washington Candidate Areas	37
7	Cowlitz River, Washington Candidate Areas	38
8	Strait of Juan de Fuca, Hood Canal, and Skagit River, Washington Candidate Areas	39
9	Typical Complementary Cumulative Distribution function Probability vs. Consequence	40

1.0 INTRODUCTION

1.1 Purpose

This report represents a limited study of demographic siting criteria under consideration by the Nuclear Regulatory Commission for nuclear power plants. The study focuses upon the concept and definition of a siting region and the practical implications of specific density and population distribution values. Study results are intended as contributions to the NRC-solicited comments on the matter.

1.2 Background

Section 108(c) of the Title I - Authorizations of Appropriations for Fiscal Year 1980 (S562) for the NRC directed that:

"The regulations promulgated pursuant to this section shall specify demographic criteria for facility siting including maximum population density and population distribution for zones surrounding the facility without regard to any design, engineering or other differences among facilities."

The Conference Agreement of House and Senate on S562 did not place a statutory deadline by which time NRC had to establish a rule, but specifically stated that "the NRC should develop these demographic standards, however, so as not to preclude further siting of nuclear reactors in any region of the United States" The conference report indicated the conferees intended that NRC substantially complete the work required for a final promulgation before the end of fiscal year 1980 and that the NRC publish, for public comment, new siting regulations as soon as possible. The Conference Agreement also established October 1, 1979 as the date after which all new filings must comply with the new siting regulations. Applications for construction permits (CP's) already on file would be exempt from the new siting rules.

Prior to S562 the NRC had been working to develop a new general policy statement on nuclear power reactor siting. In August 1979, NRC published NUREG-0625, Report of the Siting Policy Task Force.⁽¹⁾ Among the recommendations were revisions to 10CFR100 to incorporate a fixed minimum exclusion distance and specific population

density and distribution limits outside the exclusion distance. In an Advance Notice of Rulemaking: Revision of Reactor Siting Criteria, 45 FR 50350, July 29, 1980, ⁽²⁾ comments were solicited on a number of new approaches to siting that derived from deliberations on the recommendations of NUREG-0625 and the Section 108 mandate. Reviewers of 45 FR 50350, July 29, 1980 were encouraged to comment on the various alternatives described or to suggest their own approaches.

Three conceptual goals to be sought by new siting criteria, as identified in NUREG-0625, are particularly important. These are summarized as follows:

1. To strengthen siting as a factor in defense in depth by establishing requirements for site approval that are independent of plant design considerations....
2. To take into consideration in siting the risk associated with accidents beyond the design basis (Class 9) by establishing population density and distribution criteria....
3. To require that sites selected will minimize the risk from energy generation. The selected sites should be among the best available in the region where new generating capacity is needed. Siting requirements should be stringent enough to limit the residual risk of reactor operation but not so stringent as to eliminate the nuclear option from large regions of the country....

Recommendation 1 of NUREG-0625 included the concept of specific population density and distribution limits outside the exclusion area that are dependent on the average population of the region. In presenting recommendation 1, The Task Force indicated that a definitive study justifying specific numbers had not been done but anticipated that such "a study would be made to establish whether a technical basis for the numbers could be developed or, alternatively, to establish numbers on some other basis." The Task Force offered the following as illustrative of the concept:

Exclusion zone to 5 miles:

..."the population density at the beginning of reactor operation in this annulus should not exceed one half of the average population density of the

region where the reactor is to be located or 100 persons per square mile, whichever is greater. The population within this annulus should not be expected to increase to more than double the original population during the life of the plant, and no more than one half of the allowed number of persons in the zone should be permitted within any single $22\text{-}1/2^\circ$ sector. Transients should be weighed according to their fractional occupancy within this annulus."

5 to 10 miles:

..."the population density at the beginning of reactor operation in this annulus should not exceed three-quarters of the average population density of the region where the reactor is to be located, or 150 persons per square mile, whichever is greater. No more than one-half of the allowed number of persons in this annular ring should be permitted in any single $22\text{-}1/2^\circ$ sector."

10 to 20 miles:

..."The population density at the beginning of reactor operation in this annulus should not exceed twice the average population density of the region where the reactor is to be located, or 400 persons per square mile, whichever is greater, but that no more than one-half of the allowed number of persons in this annular ring be permitted in any single $22\text{-}1/2^\circ$ sector."

Particularly noteworthy regarding the NUREG-0625 conceptual criteria is the lack of definition of what constitutes a region. Yet, any density criteria in the form of K (Regional Density) as suggested in NUREG-0625 is highly dependent upon such definition. As indicated in section 1.2 above, fractional values of K were suggested in NUREG-0625. The implication of such fractional values is that the population density out to ten miles around a reactor site must be less than the regional density as a whole and a region in the more densely settled parts of the U.S. would encompass population centers. In effect, the area over which population would be averaged to establish regional density would be quite large under the NUREG-0625 concept. The inclusion of population centers will result in relatively higher regional density values but such values may bear little relationship to the demographic features of areas in the region likely to yield candidate sites for power plants.

The already extensive experience in selecting and qualifying sites for nuclear power plants has clearly demonstrated that there is much land area of the United States not suitable for constructing and operating such facilities. Whether for functional needs such as water supply, economic constraints resulting from load centers and transmission restraints, competitive land uses, or environmental grounds, the practical matter is that site search areas are not limitless, even in the United States. Basic then to the definition of a region is the bounding of a search area by the potential availability of the resources to provide for functional needs. In keeping with the NRC goal that any one selected site should be among the best available, a region needs to be sufficiently large enough to encompass a number of alternative sites. This problem of the definition of a site search region has already undergone extensive development in connection with the proposed rulemaking on alternative siting.^(3,4,5) A major objective of this effort has been to reasonably bound the consideration of alternatives. There appears to be consensus^(4,5) that the starting point for determining the search area or region of interest should be the service area of the utility planning to construct the facility. In the practical world of siting, political, social, economic and technical considerations have frequently required enlargement to specified borders, state boundaries, and regional power pool service areas where such facilities are contemplated.

Reviewers of the July 29th Advance Notice were encouraged to comment on possible alternatives identified by the NRC staff or to suggest their own approaches. Related to but separate from the July 29th Advance Notice identified above, is a proposed rule (45FR24168, April 9, 1980) on the requirements for consideration of alternative sites as a part of the NEPA process. One of the objectives of the alternative site rule is to provide assurance that any site proposed for regulatory authorization to construct a plant comes from a slate of candidate sites that are among the best that could reasonably be found and none of the other candidate sites is obviously superior from an environmental standpoint to the one proposed.

One of the results of the alternative siting deliberations has been recognition of the need for considerable diversity in how a region of interest or overall search area is defined. In response to the requirements of NEPA and the Atomic Energy Act as implemented by NRC, the industry has developed methodical approaches to siting^(6,7) that take the region of interest or search area and subdivide it into sub-areas or candidate areas. Such candidate areas represent areas generally characterized as being sufficiently large enough to encompass possibilities for several power plant sites. Judgment of such potential is based upon the resources required, the likely availability of the land and water, the engineering practicalities and economics of plant construction, and environmental compatibility. Typically, a utility may examine one or more of the most promising candidate areas. The NRC staff, in its deliberations on alternative siting, has suggested that at least four candidate sites be selected from several candidate areas within the region of interest to provide for final selection from a list representing reasonable diversity of land and water resources. Need for allowing some flexibility and variability in defining a region of interest has been recognized by NRC. The service area of the utility is the basic bounds of the search area but greater or smaller areal coverage is permissible.

While the original stimulus for developing such a site screening concept came from NEPA related considerations, reasons of consistency and similarity of objectives argue strongly for NRC to use in its further study of the practicality of the NUREG-0625 formulations, the candidate area as the area for calculating regional population density. Rationale for such a definition are:

1. Using candidate areas would enable the site specific population characteristics out to a pre-specified distance to be compared to the demographic characterization (regional density and distribution) of the area from which choice can reasonably be made.
2. The siting objectives stemming from both environmental (NEPA) and radiation protection considerations (Atomic Energy Act), as they relate to demography, will converge. A preliminary screening criterion relative to demography has been suggested as a part of the alternative siting rulemaking procedure⁽⁸⁾ (500 persons per square mile averaged out to 30 miles).
3. The considerable rulemaking effort expended to date on the alternative siting question could apply. The NRC has, for example, already attempted to address such difficult questions as how many candidate sites need to be examined to satisfy a test of reasonableness and what attributes are required to qualify a site for serious consideration.

The practicality of the idea of using regional density as defined by the candidate area and the concept in general for deriving a population-based screening criteria are discussed in sections that follow.

Within the larger framework of plant licensibility, demography is only one factor. Siting, on the other hand, is a multifactor problem. Hence, it does not necessarily follow that any site meeting pre-defined preferential demographic attributes or passing a demographic screening process based upon public safety considerations alone will emerge as having the best balance of overall characteristics. This suggests that any safety-related demographic criteria deemed necessary might best be applied as a screening criteria to separate those sites which qualify for further consideration from those that do not. Site selection from among the candidate list per the NEPA-related alternative siting requirements would subsequently reflect consideration of demography on non-safety grounds or balance with all the other siting factors.

The development of demography as an exclusionary criteria can be approached in several ways. An empirical approach would be the characterization of the demography of representative candidate siting areas in different geographic and demographic regions of the country. Population criteria would then be established to assure that no region of the country would be excluded on demographic grounds from considering the use of nuclear power.⁽⁹⁾ Population densities in such candidate areas will vary appreciably. Hence, any numerical value to be applied nationally would obviously have to be based on the most populated regions of the country. An alternative to a universally applied fixed value is some sort of formula that recognizes the variability. NUREG-0625 suggested a combination of fixed and region-dependent variable criteria.

A more fundamental approach to defining exclusionary numerical population criteria based upon health and safety considerations is through risk considerations. Various studies on risk have been performed^(10,11,12,13) and a number of definitions of Safety Goals suggested. In effect, such Safety Goals are an attempt to define and achieve consensus on how safe is safe enough. While no industry/public/government consensus yet exists on goal definition, there is growing recognition of the necessity for establishing such a goal. The NRC published notice in the October 27, 1980 Federal Register that the Commission had initiated a plan⁽¹⁴⁾ for developing a Safety Goal. Work status as of August 1980 was also presented. Various risk considerations were discussed in NUREG-0625, but were not used

explicitly to support the criteria suggested. Limiting demographic characteristics that could be derived from Safety Goal risk considerations would more directly correlate regulatory restraints on plant locations with health and safety implications.

In the sections that follow, results are presented of a limited study made of typical candidate siting areas in several geographic regions of the country. This was done to test the implications of the screening formulation described in NUREG-0625 and the idea of using the candidate areas for defining regional density. Assumed locii of potential sites in the candidate areas were then subjected to limited risk assessments as well. A correlation of risk with population density of sites in representative candidate areas was done and results compared with various Safety Goals.

4.0 REGIONAL POPULATION CHARACTERIZATION

Four geographic areas of the United States were selected for this limited study. These were:

New England

(New Hampshire, Massachusetts, Vermont, Maine)

Mid-Central

(Ohio)

Southwest

(Arizona)

Northwest

(Washington)

These geographic areas were selected because they represented considerable diversity in demographic characteristics and plant siting potentialities. In addition, they included areas where candidate siting studies had fairly recently been done. In the case of New England and the Northwest, the Nuclear Regulatory Commission staff had done alternative siting studies in connection with the Seabrook and Skagit cases. Regional-type siting studies in Arizona and Ohio were also readily available as reference data bases.

For each of the regions of interest, typical candidate siting areas were defined as shown in Figures 1 through 8. The candidate areas were selected largely on the basis of potential water supply, consistent with general methodology advocated in Regulatory Guide 4.7 and the proposed rule on alternative siting. A band approximately 15 miles on each side of the water source was used to define the candidate area. This width was selected to reflect the potential for an off stream plant location up to 5 miles with an additional ten mile distance of principal demographic interest. The ten mile value was chosen to tie into risk assessments of early fatalities under major accident situations. Reference locii of a number of potential sites within each candidate area were identified. These were spaced roughly ten miles apart to provide a spectrum of population wheels along the water

bodies. There was no attempt in this limited study to optimize candidate locations within the candidate areas.

Population information using 1970 Census Bureau data were gathered for each candidate area and population density of the candidate areas calculated. Projections were also made for 1990 and 2030. For the reference case, regional population density was determined by excluding populations in centers of 25,000 or greater. The effect of including such centers was also done for several candidate areas. For each reference locii in each geographic region, population wheels were generated for distances of 0-5 and 5-10 miles. Population densities of these representative siting locations were compared with exclusionary criteria suggested in NUREG-0625. Results are shown in computer printouts attached as Appendix A and summarized in Table 1.

Table 1 shows that the population density of all candidate areas as defined are relatively low. This results from excluding population centers from the calculation of candidate area density. Rationale for such exclusion is that the result is a much better indication of the population density in the land area that might be suitable for sites. However, using such a definition of region will require devising criteria other than the fractional formula of NUREG-0625. Table 1 shows how many of the reference locations might qualify under the NUREG-0625 criteria using the density of the candidate area as "regional density." As can be noted, very few sites in the New England and Ohio candidate areas would pass the demographic screen represented by such criteria. In contrast, the criteria would appear to offer much less restraint over siting searches in the relatively sparsely populated geographic regions of the country because sites in the lightly populated areas qualify largely by the allowed fixed limits of 100 and 150 persons per square mile rather than the fractional regional density formula, $K(RD)$, where $K=.5$ and $.75$.

The effect of including large population centers in calculating regional density is shown in Table 2. One can note the approximate seven fold increase in calculated regional density for the New England coastal candidate area and the resultant increase in qualifying sites per the NUREG formula. In general, the higher the calculated regional density, the greater number of sites that will pass a demographic screen based upon a $K(RD)$ formula. This potential for adjusting regional

bounds to include population centers to increase calculated regional density represents a serious flaw in the K(RD) formula approach.

Using the population densities (0-5, 5-10, 0-10 miles) for the reference locations, an examination was made of the effect of varying the exclusionary population density screen over a range of fixed values between 25 and 2000 persons per square mile. The number of sites qualifying as a function of the population density screen value was developed for each candidate area for the reference years of 1970, 1990 and 2030. Results are tabulated in computer printouts attached as Appendix B. The effect is illustrated in Tables 3 and 4 which summarize the Appendix B printouts for the year 1990 for the New England and Ohio geographic regions. Several results are particularly noteworthy.

- o Although regional densities are relatively low because the candidate areas span 15 miles on each side of the rivers and include relatively rural settings, population densities out to ten miles for sites along the rivers frequently are equal to or greater than regional averages. This results because settlements principally tend to concentrate along the waterways.
- o Allowable densities of 500 persons per square mile or greater may be required in the more densely populated areas if the principle of allowing reasonable siting opportunities in all geographic areas is to be followed.

As another exercise, the population data base on the reference sites was examined using various values of K. Appendix B includes the computer printout results showing sites with densities in the 0-5, 5-10 mile zones equal to or less than K(Candidate Area Density) where K ranged from .25 to 4.0. The effect of varying K on the number of sites that would pass a K(CAD) screen is illustrated in Table 5 for the New England candidate areas. Results confirm that the K(RD) formula per NUREG-0625 with the definition of regional density as the candidate area density is neither practical nor meaningful.

In order to assess the importance of population density variations in the vicinity of the sites in candidate areas, it is useful to examine the effect of variations in population density on the potential risks from plants located at the sites. To do this, both of the principal contributions to reactor accident risks, early and latent cancer fatalities, should be examined. Although it is beyond the scope of this study to perform specific risk assessments for each of the sites to be evaluated, it is possible to make rough estimates of these risks as indicated below.

Maekawa, Rasmussen and Vesely⁽¹⁵⁾ developed a method for relating public risk from nuclear accidents to the basic variables involved, i.e., population distribution and radioactive release magnitudes. Based on the results of WASH-1400,⁽¹⁶⁾ and calculations performed to predict early fatalities at 68 sites, an algorithm was developed which allows the estimation of the effect of population distribution on the early fatality risk for a WASH-1400 reactor. The resulting risk estimate includes significant uncertainties associated with the estimates of risk in WASH-1400, those associated with the application of the WASH-1400 consequence model to specific sites and those associated with the curve fitting procedure used to develop the algorithm.

As a generalized frame of reference for looking at the implications of population density versus risk, the expected value of early fatality risk was estimated for several hypothetical sites of increasing population density based on accident sequences as defined in WASH-1400. The results are provided in Table 6. Expected early fatality risk is the expected number of early fatalities each year due to the potential accidents. It is the summation of the consequences of each accident weighted by its probability and is the area under the risk curve of probability versus consequence.*

* The results of potential reactor accident calculations in a risk assessment are typically presented in the form of curves called complementary cumulative distribution functions (CCDF's), in which logarithmic scales are used on both sets of axes in order to accommodate the wide range of probabilities and consequences involved, as shown in Figure 9. The ordinate is the probability per reactor year of exceeding the consequence indicated on the curve. The abscissa is the value of the consequence. If the consequence of interest were to be early fatalities the area under such a curve would represent the expected value of fatalities per reactor year for the summation of all the accident sequences analyzed in the risk assessment.

In Table 6, the expected risk is estimated for two siting situations for each regional population density assumed. In the first case the population density around the reference site was assumed to be uniform at the value of the regional average. In the second case, the population density around the site was modified to meet the criteria of NUREG-0625 based on the assumed regional density. For example, for a 500 people per square mile regional population density, the NUREG-0625 criteria would allow 250 people/square mile in the 0 to 5 mile zone, 375 people/square mile in the 5 to 10 mile zone and 1,000 people/square mile in the 10 to 20 zone. The results illustrate the effects on the expected values of early fatalities of the NUREG criteria in this application. The NUREG criteria would allow higher risks than the regional average in the lower density regions and lower risks than the regional average in the higher density regions.

In the next set of analyses, risk calculations were made of the societal risk, or the expected early fatalities per year per 1000 MW plant, assuming that the reference plant was located at each reference site identified in Section 4. The results of this analysis can be seen from an examination of Tables 7, 8, 9, 10, 11 and 12 for the candidate regions in Ohio, New England, Arizona and Washington for the years 1970, 1990, and 2030. In Tables 7 and 8, the reference sites for the Ohio and New England regions were ordered by population density in the 0-10 mile zone. In tables 9-12, the reference sites were ordered in terms of decreasing early fatality risk as defined above.

Two comparisons are of interest. One is that of the risk values for 1970 shown in Tables 9-12 as compared to the value of 0.46×10^{-4} early fatalities per year obtained in WASH-1400. This comparison was made only against 1970 data because WASH-1400 used only 1970 data in its calculations. For the Ohio region, 10 of the 22 sites have predicted risks less than WASH-1400. For New England, Arizona and Washington, the values are 5 of 26, 27 of 27, and 40 out of 46 respectively. It should be noted that this type of comparison is very inexact because of the large uncertainties involved in risk calculations.

Nonetheless, from a risk viewpoint, using WASH-1400 and 1970 population data as a yardstick, the conclusion can be drawn that limitations of significance on site selection could occur in the higher populated regions of the country such as those evaluated in Ohio and New England, but would not occur in lower population densities such as those which exist in Arizona and Washington.

A more useful comparison is to compare the predicted risks in Tables 7-12 with the various quantitative criteria for acceptable levels of risk (safety goals) that are currently being proposed by various organizations and individuals. Okrent et. al.⁽¹⁰⁾ have proposed a safety goal of 0.40 early fatalities per year. Levine⁽¹³⁾ has proposed a complementary cumulative distribution function (CCDF) curve as a safety goal and a value of 0.5×10^{-2} for early fatalities can be derived from this curve.* It should be noted that all of the sites in all of the regions studied here including population growth out to the year 2020, would be able to satisfy each of these proposed goals.

In considering latent cancer fatalities (LCF's) a different technique can be used. Studies such as NUREG-0715⁽¹⁸⁾ have shown that, in general, only a small variation would be expected in the predicted values of LCF's with site population density, and that there would be a much wider variation in LCF's as a function of reactor design. Using the highest curve LCF's shown in NUREG-0715, the expected value is 3.6×10^{-2} per year per 1000 MW reactor. The various safety goals for latent cancer fatalities proposed by Okrent et. al., AIF** and Levine*** are 2, .1 and 3.6×10^{-2} respectively. It can be seen that none of these suggested safety goals would present a limitation on the siting of power plants for regions with population densities and distributions illustrated in this study.

* Levine's safety goal is based on the use of 1000MWe reactors, whereas that of Okrent et. al. is stated as 10^{-10} Kwhe, or a 1250 MWe reactor operating at 90% capacity factor. The safety goal values listed herein are those stated by the various authors with no attempt to account for the small difference that might be involved due to differences in assumptions about reactor size.

** The AIF has proposed safety goals for population risk which includes contributions from both early and latent fatality risks. Based on risk studies performed to date, it is expected that within this number, the latent safety risks will dominate. The value of 0.1 suggested as a preliminary population risk goal is currently being reevaluated and may be increased to provide greater consistency with the principles that AIF has proposed as a basis for establishing quantitative safety goals.⁽¹⁷⁾

*** Levine's value is taken from NUREG-0715, Figure 11, for the largest predicted LCF's. This was done in order to derive from his proposed CCDF values for the various types of goals suggested in NUREG-0739.

The principal results of this study are summarized as follows:

- o A rationale has been advanced for using the candidate site search area as the region for calculating regional population density in the context of reactor siting.
- o The implications of using the candidate area for defining regional density and the screening formulation of NUREG-0625 were examined. Results indicate that the practicality of the formula approach is highly questionable and the fixed criteria limits are too low to avoid major restraints on siting in populated geographic regions of the country.
- o While not an exhaustive study, the exercise has provided an indication of the range of densities that are likely to prevail in typical candidate siting areas in different geographic regions of the country. Siting criteria will have to allow siting in such demographic environments, if the Congressional intent of not precluding "further siting of nuclear reactors in any region of the United States . . ." is to be complied with.
- o Results suggest that the regional density and formula approach are likely to be too cumbersome to readily achieve the objective of forcing choices to those sites representing the lower risk to people. Both the variability in regional density - regardless of how a region is defined - and the variability around candidate site locations argue for a much simpler scheme.
- o Simplified calculations of the type illustrated in Tables 9-12 provide an effective and meaningful indicator of the risk implications of demographic distributions around a site.
- o As can be seen from the analysis performed herein, the setting of any site selection criteria without the use of risk assessment can, at best, be only judgmental. The use of a risk approach can also be only judgmental unless quantitative safety goals are established. Many have called for the establishment of such criteria and many individuals and organizations are

proposing such criteria. Using several of the criteria currently being proposed, including those by the ACRS and AIP, it can be seen that essentially all of the reference sites examined herein will be deemed acceptable for population densities predicted out to the year 2000. On the other hand, if WASH-1400 results were to be used as a safety goal as some have suggested, there would be a serious restriction on the number of sites made available. We are aware that the NRC is working on the establishment of safety goals⁽¹⁴⁾ and is performing analyses that will relate the influence of siting on risk. Such efforts should not only be strongly encouraged, but their completion should be prerequisite to the establishment of new demographic criteria for nuclear power plant siting.

7.0

CONCLUSIONS

- o Criteria formulation as suggested in NUREG-0625 cannot reasonably be applied in any logical and consistent way to achieve the stated goals of the NRC Siting Policy Task Force.
- o Tying demographic-based siting criteria to risk considerations represents a more rational and defensible approach.
- o There appears to be little justification based on risk considerations for change of existing siting guidelines relative to demography. Such change as might be made in the future should be consistent with the development of a Safety Goal⁽¹⁴⁾ and the considerations of risk related thereto.

REFERENCES

1. US25, Report of the Siting Policy Task Force, USNRC, August 1979.
2. Federal Register, 45FR50350, July 29, 1980, Advance Notice of Rulemaking: Revision of Reactor Siting Criteria, USNRC.

NUREG-0499, Preliminary Statement on General Policy for Rulemaking to Improve Nuclear Power Plant Licensing, Dec 1978, (Including Supplement #1, Dec. 1978).
4. Workshop on Alternative Site Rulemaking, Summary Report, The MITRE Corporation, May 1979, NRC Contract NCR-03-79-128.
5. AIF/NESP-018, Alternative Siting Requirements and Practices for Nuclear Power Plants, June 1980.
6. AIF/NESP-002, Nuclear Power Plant Siting - A Generalized Process, 1974.
7. DiNunno, J., "Regional Approaches to Power Plant Siting in the U.S. A., Paper, AEA-SM-188/42, International Atomic Energy Agency, 1975.
8. Regulatory Guide 4.7, General Site Suitability Criteria for Nuclear Power Stations, November 1975.
9. Conference Report No. 96-1070, 96th Congress, 2nd Session (to accompany S562), June 4, 1980, Authorize Appropriation to the Nuclear Regulatory Commission.
10. NUREG-0739, "An Approach to Quantitative Safety Goals for Nuclear Power Plants", USNRC
11. Risk Assessments of Energy Options, ANS Transactions, 1980 Winter Meeting November 16-21, 1980, Invited Paper Series, pages 15-20.
12. Setting Acceptable Risk Criteria and Decision Making, ANS Transactions, 1980 Winter Meeting, November 16-21, 1980, pages 400-403.
13. Levine, S., "New Issues in Reactor Safety", Nuclear Safety, page 718, November-December, 1980.
14. NUREG-0735, "Plan for Developing a Safety Goal," USNRC; Federal Register Vol. 45, No. 209, dated October 27, 1980.
15. Maekawa, M., Rasmussen, N. C., Vesely, Jr., W. E., NUREG-0205, "A Method For Risk Analysis of Nuclear Reactor Accidents", MIT, January, 1978.
16. NUREG-75/014, WASH-1400, Reactor Safety Study, An Assessment of Accident Risks in U.S. Commercial Nuclear Power Plants, October 1975.
17. USNRC ACRS Subcommittee on Reliability and Probabilistic Assessment, meeting of July 1, 1980.

18. NUREG-0715, Report of the Task Force on Interim Operation of Indian Point,
Secy-80-283, June 12, 1980.

TABLE 1

POTENTIAL SITES VS QUALIFYING SITES

<u>Geographic Areas</u>	<u>Candidate Area</u>	<u>Candidate Area Density (1990)</u>	<u>No. of Sites</u>	<u>Qualifying (NUREG-0625) *</u>
New England	Conn. River	106	9	3
	Merrimack River	187	10	0
	Coastal	216	<u>11</u>	<u>1</u>
			30	4
Ohio	Scioto River	81	13	4
	Lower Ohio River	81	<u>12</u>	<u>3</u>
			25	7
Washington	St. Juan De Puga	45	12	11
	Hood Canal	43	7	7
	Cowlitz River	29	10	8
	Columbia River	13	13	9
	Skagit River	38	<u>7</u>	<u>5</u>
			52	40
Arizona	Altar Valley	27	5	5
	Buckeye	35	9	9
	Lower Colorado	11	<u>12</u>	<u>12</u>
			26	26

* Population density 10-20 miles was not examined

TABLE 2

SITES QUALIFYING AS A FUNCTION OF REGIONAL DENSITY DEFINITION

Geographic <u>Area</u>	Candidate <u>Area</u>	Regional Density (1990)		No. <u>Sites</u>	NUREG-0625 <u>Qualifying*</u>	
		With Population <u>Centers</u> RDW**	Without Population <u>Centers</u> RDWO***		<u>RDW</u>	<u>RDWO</u>
New England	Merrimack River	502	187	10	3	0
	Coastal	1450	216	<u>11</u>	<u>10</u>	<u>1</u>
				21	13	1

* Population density 10-20 miles was not examined

** RDW = Regional density with population centers

*** RDWO = Regional density without population centers

TABLE 3

NUMBER OF SITES WITH SITE DENSITY LESS THAN
OR EQUAL TO FIXED VALUES
(Reference Year - 1990)

Fixed Values <u>Persons/mile²</u>	New England Geographic Regions		
	<u>0-5</u>	<u>5-10</u>	<u>0-10</u>
25	0	0	0
50	0	4	0
100	5	10	8
150	7	14	11
200	10	16	16
300	16	18	18
400	21	20	20
500	24	20	20
600	26	21	25
700	26	25	25
800	26	27	28
900	28	27	28
1000	28	29	28

* Note: Total Sites = 30 Studied

TABLE 4

NUMBER OF SITES WITH SITE DENSITY LESS THAN
OR EQUAL TO FIXED VALUES
(Reference Year - 1990)

Fixed Values <u>Persons/mile²</u>	Ohio Geographic Regions		
	<u>0-5</u>	<u>5-10</u>	<u>0-10</u>
25	2	0	0
50	8	5	3
100	10	9	9
150	14	13	15
200	17	16	18
300	20	22	20
400	20	22	22
500	21	22	22
600	22	23	23
700	23	23	23
800	24	23	23
900	25	23	24
1000	25	23	24

* Note: Total Sites = 25 Studied

TABLE 5

NUMBER OF SITES WITH SITE DENSITIES (1990)
 LESS THAN OR EQUAL TO
 K(Candidate Area Density)

<u>K Value</u>	<u>New England Regions</u>		
	<u>0-5</u>	<u>5-10</u>	<u>0-10</u>
.25	0	0	0
.50	1	6	3
.75	6	11	5
1.0	9	13	11
1.5	17	19	17
2.0	19	20	19
3.0	24	23	25
4.0	26	27	28

* Note: Total Sites = 30 Studied

TABLE 6
RISK VS POPULATION DENSITIES

Assumed Regional Population Density <u>Persons/Mile²</u>	<u>Risk</u>	
	<u>Average Early Fatality/Year</u>	
	<u>Uniform Density</u>	<u>NUREG-0625*</u>
100	0.59E-4	0.67E-4
200	0.12E-3	0.67E-4
300	0.18E-3	0.99E-4
400	0.23E-3	0.13E-3
500	0.28E-3	0.16E-3

* NUREG-0625 Criteria:

0 - 5: 100 persons/mile² or .5 (Regional Density), whichever is greater
 5 - 10: 150 persons/mile² or .75 (Regional Density), whichever is greater
 10 - 20: 400 persons/mile² or 2 (Regional Density), whichever is greater

TABLE 7

SITE POPULATION DENSITIES VS RISK
OHIO

SCIOTO RIVER (RD 81)

	Population Densities - 1990			Risk ⁽¹⁾
	<u>0-10</u>	<u>0-5</u>	<u>5-10</u>	
**Richmond Dale	49.6	47.1	50.4	0.2299E-4
**Wakefield	70.5	57.3	74.9	0.2881E-4
**Omega	77.9	31.5	93.3	0.2863E-4
**Yellowbud	114.9	29.0	143.5	0.3591E-4
Bellepoint	147.1	180.6	135.9	0.8536E-4
Little Walnut	151.1	142.5	153.9	0.7200E-4
Friendship	159.5	51.6	195.4	0.3239E-4
Metzger	198.3	612.8	60.1	0.2174E-4
Massieville	201.5	73.0	244.4	0.5206E-4
Garden City	245.8	197.1	262.0	0.8761E-4
Rushtown	271.7	277.1	269.9	0.1438E-3
Shadeville	1179.1	317.4	1466.3	0.2311E-3
Dublin	1535.3	838.0	1767.8	0.4451E-3

OHIO RIVER (RD 81)

	Population Densities - 1990			
	<u>0-10</u>	<u>0-5</u>	<u>5-10</u>	
**Swan Creek	46.7	51.4	41.4	0.1893E-4
**Portland	51.8	82.9	41.4	0.3081E-4
**Hockingport	60.1	54.9	61.9	0.2613E-4
Syracuse	88.3	207.5	48.6	0.1093E-3
Northrup	89.1	141.5	71.7	0.5731E-4
Cheshire	139.1	125.6	143.6	0.5145E-4
Friendship	159.5	51.6	195.4	0.3239E-4
Garden City	245.8	197.1	262.0	0.8761E-4
Rushtown	271.7	277.1	269.9	0.1438E-3
LaGrange	357.9	624.5	269.1	0.4738E-3
Rome	445.3	953.6	275.8	0.4483E-3
Catlettsburg	632.5	841.6	562.9	0.4740E-3

** Sites meeting NUREG-0625 (Fixed Density Criteria 100/150)

(1) Denotes the calculated expected average number of early fatalities per year per 1000MW PWR Reference Plant

TABLE 8

SITE POPULATION DENSITIES VS RISK
NEW ENGLAND

MERRIMACK RIVER (RD 187)

Population Densities - 1990

	<u>0-10</u>	<u>0-5</u>	<u>5-10</u>	<u>Risk</u> ⁽¹⁾
Franklin	83.8	188.6	48.5	0.1212E-3
Boscawen	189.9	170.7	196.3	0.1270E-3
Little Boars' Head	289.0	225.7	310.1	0.1812E-3
Newburyport	316.9	558.7	236.4	0.5074E-3
Hookset	524.9	186.6	637.7	0.1696E-3
Essex	545.7	310.3	702.7	0.2202E-3
Merrimack	758.4	215.8	939.2	0.2237E-3
Dunstable	1017.0	1267.7	933.4	0.5756E-3
Lawrence	1572.5	2126.1	388.0	0.1402E-2

NEW ENGLAND COASTAL (RD 216)

Population Densities - 1990

	<u>0-10</u>	<u>0-5</u>	<u>5-10</u>	
*Cape Neddick	60.4	77.6	54.7	0.4385E-4
Elms	69.9	110.6	56.4	0.6194E-4
Pigeon Cove	155.6	279.7	114.3	0.1681E-3
Biddeford Point	175.1	318.3	127.3	0.1301E-3
Kittery Point	195.3	410.2	123.7	0.1654E-3
Little Boars' Head	289.0	225.7	310.1	0.1812E-3
Newburyport	316.9	558.7	236.4	0.5074E-3
Manchester	516.4	479.0	528.9	0.2308E-3
Higgins Beach	533.9	234.6	633.7	0.1685E-3
Essex	545.7	310.3	624.1	0.2202E-3
Groveland	740.7	854.9	702.7	0.3738E-3

CONN. RIVER (RD 106)

Population Densities - 1990

	<u>0-10</u>	<u>0-5</u>	<u>5-10</u>	
Walpole	61.8	115.0	44.1	0.5393E-4
**Putney	83.7	57.4	95.5	0.5562E-4
**Northfield	87.9	54.1	99.2	0.4952E-4
Brattleboro	94.3	238.6	46.2	0.1280E-3
**Plainfield	94.7	58.0	107.0	0.2429E-4
White River	118.3	353.4	39.9	0.2413E-3
Junction				
Charlestown	128.3	314.5	66.2	0.1698E-3
Ascutney	130.2	62.1	152.9	0.3769E-4
Montague	170.2	454.7	75.4	0.2243E-3

* Sites meeting NUREG-0625 (Regional population density defined by Candidate area)

** Sites meeting NUREG-0625 (Fixed Density Criteria 100/150)

(1) Denotes the calculated expected average number of early fatalities per year per 1000MW PWR Reference Plant

TABLE 10

Site Specific Risk Assessment
Expected Early Fatalities per Year per 1000 MW PWR Plant

New England Geographic Region

Site Name	P o p u l a t i o n D a t a		
1970....1990....2030....
LAWRENCE	0.1158E-02	0.1402E-02	0.1883E-02
DUNSTABLE	0.4688E-03	0.5756E-03	0.7775E-03
NEWBURY PORT	0.4194E-03	0.5074E-03	0.6814E-03
GROVELAND	0.3091E-03	0.3738E-03	0.5017E-03
WHITE RIVER JUNC	0.2058E-03	0.2413E-03	0.3060E-03
MONTAGUE	0.1913E-03	0.2243E-03	0.2844E-03
MANCHESTER MA	0.1905E-03	0.2308E-03	0.3103E-03
ESSFX	0.1817E-03	0.2202E-03	0.2960E-03
MERRIMACK	0.1706E-03	0.2237E-03	0.3085E-03
LITTLE BOARS HEAD	0.1588E-03	0.1812E-03	0.2264E-03
HIGGEN BEACH ME	0.1479E-03	0.1685E-03	0.2104E-03
KITTERY POINT ME	0.1451E-03	0.1654E-03	0.2064E-03
CHARLESTOWN	0.1448E-03	0.1698E-03	0.2154E-03
PIGION COVE	0.1387E-03	0.1681E-03	0.2259E-03
HOOKSETT	0.1290E-03	0.1696E-03	0.2342E-03
BOSCAMEN	0.1270E-03	0.1669E-03	0.2306E-03
FRANKLIN	0.1212E-03	0.1593E-03	0.2201E-03
BIIDDEFORD POINT	0.1142E-03	0.1301E-03	0.1624E-03
BRATTLEBORO	0.1091E-03	0.1280E-03	0.1623E-03
ELMS ME	0.5434E-04	0.6194E-04	0.7728E-04
PUTNEY	0.4744E-04	0.5562E-04	0.7053E-04
WALPOLE	0.4600E-04	0.5393E-04	0.6839E-04
NORTHFIELD	0.4224E-04	0.4952E-04	0.6281E-04
CAPE NEDDICK ME	0.3847E-04	0.4385E-04	0.5473E-04
ASCUTNEY	0.3214E-04	0.3769E-04	0.4780E-04
PLAINFIELD	0.2072E-04	0.2429E-04	0.3080E-04

TABLE II

Site Specific Risk Assessment
Expected Early Fatalities per Year per 1000 MW PWR Plant

Arizona Geographic Region

Site Name	Population Data	
	1970	1990
HQ3	0.1351E-04	0.2205E-04
HQ1	0.6788E-05	0.8517E-05
HQ6	0.4121E-05	0.6726E-05
HQ8	0.4013E-05	0.6550E-05
HQ7	0.2742E-05	0.4483E-05
LC4	0.2022E-05	0.132E-05
LC6	0.1905E-05	0.2009E-05
AV4	0.1217E-05	0.1680E-05
AV2	0.1015E-05	0.1400E-05
LC8	0.6192E-06	0.6542E-06
AV3	0.2331E-06	0.3226E-06
HQ2	0.1019E-06	0.1277E-06
LC7	0.6372E-07	0.6713E-07
LC9	0.5229E-07	0.5506E-07
AV5	0.4489E-07	0.6195E-07
AV1	0.0000E-00	0.0000E-00
HQ3	0.0000E-00	0.0000E-00
HQ4	0.0000E-00	0.0000E-00
HQ5	0.0000E-00	0.0000E-00
LC1	0.0000E-00	0.0000E-00
LC2	0.0000E-00	0.0000E-00
LC3	0.0000E-00	0.0000E-00
LC5	0.0000E-00	0.0000E-00
LC10	0.0000E-00	0.0000E-00
LC11	0.0000E-00	0.0000E-00
LC12	0.0000E-00	0.0000E-00
LC13	0.0000E-00	0.0000E-00

TABLE 12

Site Specific Risk Assessment
Expected Early Fatalities per Year per 1000 MW PWR Plant

Washington Geographic Region

Site Name	Population Data		
1970....1990....2030....
SDF7	0.2984E-03	0.3378E-03	0.4220E-03
COL2	0.2476E-03	0.2819E-03	0.2977E-03
SKR2	0.1687E-03	0.1910E-03	0.2386E-03
COW1	0.1200E-03	0.1510E-03	0.1924E-03
COL1	0.1098E-03	0.1235E-03	0.1299E-03
COW2	0.9678E-04	0.1211E-03	0.1552E-03
COL12	0.4079E-04	0.3583E-04	0.3334E-04
SDF8	0.3970E-04	0.4494E-04	0.5613E-04
COL3	0.2978E-04	0.3447E-04	0.3665E-04
SKR1	0.2291E-04	0.2593E-04	0.3240E-04
COW6	0.2077E-04	0.2615E-04	0.3330E-04
SKR3	0.2003E-04	0.2268E-04	0.2832E-04
SDF1	0.1937E-04	0.2193E-04	0.2739E-04
SDF6	0.1647E-04	0.1865E-04	0.2329E-04
COW4	0.1481E-04	0.1863E-04	0.2374E-04
COW3	0.1207E-04	0.1520E-04	0.1935E-04
SDF10	0.9352E-05	0.1059E-04	0.1323E-04
COW9	0.7383E-05	0.9292E-05	0.1184E-04
COW5	0.7249E-05	0.9128E-05	0.1162E-04
HQD1	0.6964E-05	0.7879E-05	0.9849E-05
SDF9	0.6689E-05	0.7571E-05	0.9458E-05
SKR4	0.5412E-05	0.6124E-05	0.7653E-05
HQD4	0.5121E-05	0.5803E-05	0.7241E-05
HQD7	0.4642E-05	0.5255E-05	0.6563E-05
COL10	0.2882E-05	0.2531E-05	0.2356E-05
HQD2	0.2786E-05	0.3152E-05	0.3939E-05
HQD5	0.2420E-05	0.2740E-05	0.3424E-05
HQD3	0.2211E-05	0.2501E-05	0.3125E-05
COW10	0.2095E-05	0.2637E-05	0.3358E-05
COL4	0.2013E-05	0.1767E-05	0.1646E-05
COL13	0.1947E-05	0.1710E-05	0.1591E-05
SDF3	0.1783E-05	0.2018E-05	0.2520E-05
SKR5	0.1365E-05	0.1546E-05	0.1930E-05
COW7	0.1249E-05	0.1573E-05	0.2003E-05
SDF4	0.8294E-06	0.9390E-06	0.1172E-05
COL11	0.8141E-06	0.7152E-06	0.6656E-06
SKR6	0.2743E-06	0.3106E-06	0.3878E-06
COL7	0.1411E-06	0.1239E-06	0.1152E-06
SKR7	0.1050E-06	0.1188E-06	0.1487E-06
COL9	0.9162E-07	0.8055E-07	0.7484E-07
COL8	0.6041E-07	0.5303E-07	0.4933E-07
COL6	0.4252E-07	0.4026E-07	0.3907E-07
SDF2	0.9062E-08	0.1040E-07	0.1275E-07
SDF5	0.0000E 00	0.0000E 00	0.0000E 00
COW8	0.0000E 00	0.0000E 00	0.0000E 00
COL5	0.0000E 00	0.0000E 00	0.0000E 00

TYPICAL
COMPLEMENTARY CUMULATIVE DISTRIBUTION FUNCTION
PROBABILITY vs. CONSEQUENCE

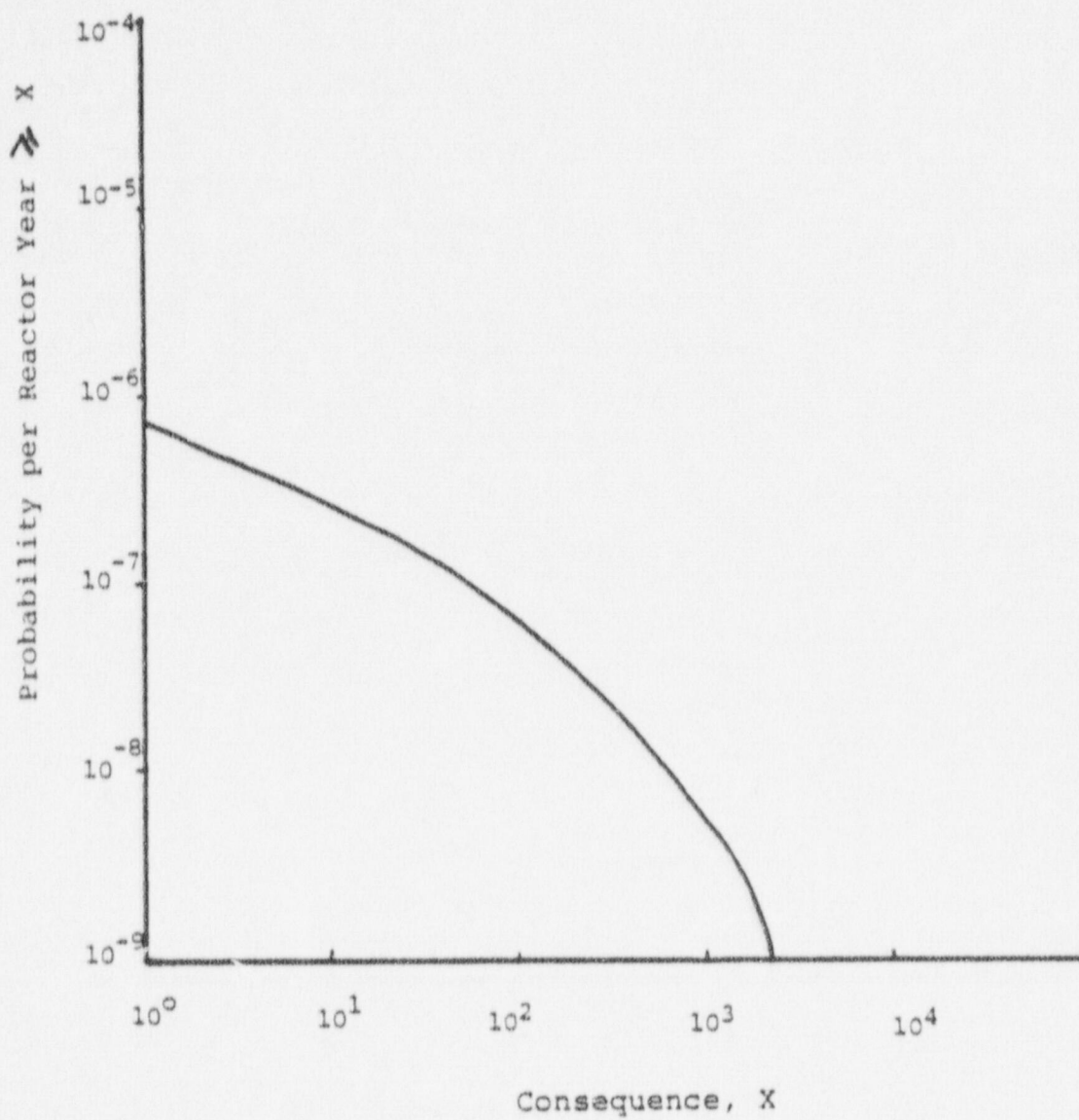


FIGURE 9

for the Region is _____.

<u>Reference Location</u>	<u>Annular Zones Around Site Center</u>	<u>1a Portion</u>		<u>Growth Criteria Portion**</u>		
		<u>le</u> <u>EG</u>	<u>Meets NUREG</u> <u>Yes/No*</u>	<u>Year 2030</u>	<u>2 Times</u> <u>Year 1990</u>	<u>Meets NUREG</u> <u>Yes/No</u>
<u>Site Name</u>	0-5 miles					
	5-10 miles					
	0-10 miles					

* Compared NUREG allowable to cumulative
**The growth criteria only applies to t

CONNECTICUT RIVER REGION

POPULATION IN THE REGION FOR THE YEAR 1970 IS 283658 DENSITY FOR THE REGION IS 90.0

SITE NAME	DISTANCE MILES	POPULATION SITE	DENSITY SITE	LIMITATION CRITERIA REGIONAL				Worst Sector Criteria POPULATION				GROWTH CRITERIA POPULATION		
				VALUE	MEET	VALUE	MEET	SITE	0.5 (ALLOWABLE)	MEET		YEAR	2 TIMES	MEET
					YES/NO		YES/NO			YES/NO		2030	YR 1990	YES/NO
MONTAGUE	0.-5.	30454	387.8	45.0	NO	100.	NO	9701	15227	YES		45279	71418	YES
	5.-10.	15149	64.3	67.5	YES	150.	YES	10439	17671	YES				
	0.-10.	45603	145.2	90.0	N/A	N/A	N/A	10439	22801	N/A				
NORTHFIELD	0.-5.	3625	45.2	45.0	NO	100.	YES	1440	3927	YES		5389	8498	YES
	5.-10.	19934	84.6	67.5	NO	150.	YES	8575	17671	YES				
	0.-10.	23552	15.0	90.0	N/A	N/A	N/A	8575	11779	N/A				
BRATTLEBORO	0.-5.	15981	203.5	45.0	NO	100.	NO	6137	1990	YES		23759	37474	YES
	5.-10.	9280	32.4	67.5	YES	150.	YES	6137	17671	YES				
	0.-10.	25261	80.4	90.0	N/A	N/A	N/A	6137	12630	N/A				
PUTNEY	0.-5.	3944	48.9	45.0	NO	100.	YES	1727	3927	YES		5715	9014	YES
	5.-10.	18992	78.9	67.5	NO	150.	YES	7410	17671	YES				
	0.-10.	22436	71.4	90.0	N/A	N/A	N/A	7410	11218	N/A				
WALPOLE	0.-5.	7706	98.1	45.0	NO	100.	YES	3421	3927	YES		11456	18070	YES
	5.-10.	8866	37.6	67.5	YES	150.	YES	4836	17671	YES				
	0.-10.	16572	52.8	90.0	N/A	N/A	N/A	4836	9286	N/A				
CHARLESTON	0.-5.	21064	268.2	45.0	NO	100.	NO	10862	19532	NO		31320	49398	YES
	5.-10.	13301	56.5	67.5	YES	150.	YES	10862	17671	YES				
	0.-10.	34365	109.4	90.0	N/A	N/A	N/A	10862	17182	N/A				
ASCUTNEY	0.-5.	4152	53.0	45.0	NO	100.	YES	1682	3927	YES		4189	9760	YES
	5.-10.	30730	139.4	67.5	NO	150.	YES	7565	17671	YES				
	0.-10.	34922	111.1	90.0	N/A	N/A	N/A	7565	17446	N/A				
PLAINFIELD	0.-5.	3897	42.5	45.0	NO	100.	YES	1710	3927	YES		5780	9116	YES
	5.-10.	21497	91.2	67.5	NO	150.	YES	7016	17671	YES				
	0.-10.	25384	80.8	90.0	N/A	N/A	N/A	7016	12692	N/A				
WHITE RIVER JUNCT	0.-5.	23670	301.4	45.0	NO	100.	NO	7535	11435	YES		35193	55513	YES
	5.-10.	8015	34.0	67.5	YES	150.	YES	8361	17671	YES				
	0.-10.	11605	100.2	90.0	N/A	N/A	N/A	8361	15842	N/A				

NEBERTHACK RIVER REGION

POPULATION IN THE REGION FOR THE YEAR 1970 IS 515563 DENSITY FOR THE REGION IS 153.9

SITE NAME	DISTANCE MILES	POPULATION SITE	DENSITY SITE	LIMITATION REGIONAL		CRITERIA MRC		ROOST SECTION CRITERIA POPULATION			GROWTH CRITERIA POPULATION		
				VALUE	MEET YES/NO	VALUE	MEET YES/NO	SITE	0.5 (ALLOWABLE)	MEET YES/NO	YEAR 2010	2 TIMES YR 1990	MEET YES/NO
FRANKLIN	0.-5.	11266	143.4	76.5	NO	100.	NO	2420	5633	YES	20460	29625	YES
	5.-10.	8747	17.1	114.8	YES	150.	YES	4011	17671	YES			
	0.-10.	20013	63.7	153.0	N/A	N/A	N/A	4011	17006	N/A			
BOSCAMEN	0.-5.	19195	129.4	76.5	NO	100.	NO	2546	5097	YES	18516	26812	YES
	5.-10.	35171	142.3	114.8	NO	150.	YES	16132	17671	YES			
	0.-10.	45366	144.4	153.0	N/A	N/A	N/A	16832	22583	N/A			
HOOKSETT	0.-5.	11147	141.9	76.5	NO	100.	NO	2869	5573	YES	20243	29312	YES
	5.-10.	114539	485.1	114.8	NO	150.	NO	45937	57269	YES			
	0.-10.	125686	480.1	153.0	N/A	N/A	N/A	45937	62343	N/A			
NEBERTHACK	0.-5.	12912	164.4	76.5	NO	100.	NO	3341	6456	YES	23392	33999	YES
	5.-10.	169493	719.0	114.8	NO	150.	NO	67278	84701	YES			
	0.-10.	182315	580.3	153.0	N/A	N/A	N/A	67278	91157	N/A			
DUNSTABLE	0.-5.	81242	1034.4	76.5	NO	100.	NO	21400	40521	YES	134398	199126	YES
	5.-10.	176677	742.8	114.8	NO	150.	NO	63380	34338	YES			
	0.-10.	257919	821.0	153.0	N/A	N/A	N/A	63380	123959	N/A			
LAWRENCE	0.-5.	138184	1759.4	76.5	NO	100.	NO	38522	69792	YES	223872	333962	YES
	5.-10.	270545	1148.2	114.8	NO	150.	NO	77783	135272	YES			
	0.-10.	408729	1301.0	153.0	N/A	N/A	N/A	77783	204364	N/A			
GROVELAND	0.-5.	55467	706.2	76.5	NO	100.	NO	20081	27733	YES	90196	134282	YES
	5.-10.	137489	583.5	114.8	NO	150.	NO	52552	54744	YES			
	0.-10.	192956	614.2	153.0	N/A	N/A	N/A	52552	96478	N/A			
NEWBURY PORT	0.-5.	36313	462.4	76.5	NO	100.	NO	8721	18156	YES	59828	87758	YES
	5.-10.	46739	198.4	114.8	NO	150.	NO	11557	23369	YES			
	0.-10.	83052	264.4	153.0	N/A	N/A	N/A	11557	41526	N/A			
ESSEX	0.-5.	20119	256.2	76.5	NO	100.	NO	5100	19959	YES	32763	48744	YES
	5.-10.	121411	515.3	114.8	NO	150.	NO	35191	50705	YES			
	0.-10.	141530	450.5	153.0	N/A	N/A	N/A	35191	70765	N/A			
LITTLE BOARS HEAD	0.-5.	15558	123.1	76.5	NO	100.	NO	2989	7779	YES	22110	35460	YES
	5.-10.	63211	263.3	114.8	NO	150.	NO	12978	31505	YES			
	0.-10.	78769	259.7	153.0	N/A	N/A	N/A	12978	39384	N/A			

NEW ENGLAND COASTAL REGION

POPULATION IN THE REGION FOR THE YEAR 1970 IS 325055 DENSITY FOR THE REGION IS 186.1

SITE NAME	DISTANCE MILES	POPULATION SITE	DENSITY SITE	LIMITATION CRITERIA REGIONAL				WORST SECTOR CRITERIA POPULATION			GROWTH CRITERIA POPULATION		
				VALUE	MEET YES/NO	VALUE	MEET YES/NO	SITE	0.5 (ALLOWABLE)	MEET YES/NO	YEAR 2030	2 TIMES YR 1990	MEET YES/NO
DORCHESTER	0.-5.	55467	706.2	93.1	NO	100.	NO	20081	27733	YES	90196	134282	YES
	5.-10.	137489	583.5	139.6	NO	150.	NO	52552	63744	YES			
	0.-10.	192956	614.2	186.1	N/A	N/A	N/A	52552	95478	N/A			
NEABURY PORT	0.-5.	36313	462.4	23.1	NO	100.	NO	8721	19156	YES	58828	87758	YES
	5.-10.	46739	193.4	139.6	NO	150.	NO	11557	23369	YES			
	0.-10.	83052	264.4	186.1	N/A	N/A	N/A	11557	41526	N/A			
MANCHESTER MASS	0.-5.	31054	395.4	93.1	NO	100.	NO	12033	15527	YES	50570	75234	YES
	5.-10.	102876	436.6	139.6	NO	150.	NO	34735	51438	YES			
	0.-10.	133930	425.3	186.1	N/A	N/A	N/A	34735	66965	N/A			
PISTON COVE	0.-5.	18136	230.9	93.1	NO	100.	NO	6163	9068	YES	29532	43940	YES
	5.-10.	22228	94.3	139.6	YES	150.	YES	18557	17571	NO			
	0.-10.	40364	128.5	186.1	N/A	N/A	N/A	18557	29182	N/A			
ESSEX	0.-5.	20119	256.2	93.1	NO	100.	NO	6100	19959	YES	32763	48744	YES
	5.-10.	121411	515.3	139.6	NO	150.	NO	35191	60705	YES			
	0.-10.	141530	450.5	186.1	N/A	N/A	N/A	35191	70765	N/A			
LITTLE DIAMS HEAD	0.-5.	15558	193.1	93.1	NO	100.	NO	2789	7779	YES	22130	35450	YES
	5.-10.	61211	268.3	139.6	NO	150.	NO	19178	31605	YES			
	0.-10.	73769	259.7	186.1	N/A	N/A	N/A	19178	39384	N/A			
KITTEBY POINT MAINE	0.-5.	28268	352.9	23.1	NO	100.	NO	12910	14134	YES	40205	64428	YES
	5.-10.	25576	108.5	139.6	YES	150.	YES	24514	17671	NO			
	0.-10.	53844	171.4	186.1	N/A	N/A	N/A	24514	26922	N/A			
CAPE NEDDICK MAINE	0.-5.	5344	68.0	93.1	YES	100.	YES	2374	3927	YES	7602	12182	YES
	5.-10.	11395	49.0	139.6	YES	150.	YES	3904	17671	YES			
	0.-10.	16649	53.0	186.1	N/A	N/A	N/A	3904	4324	N/A			
ELMS MAINE	0.-5.	7619	97.0	93.1	NO	100.	YES	2415	3927	YES	10837	17369	YES
	5.-10.	11556	49.5	139.6	YES	150.	YES	4261	17571	YES			
	0.-10.	19275	61.4	186.1	N/A	N/A	N/A	4261	9537	N/A			
BIDDEFORD POINT MA	0.-5.	21235	272.3	93.1	NO	100.	NO	12805	19268	NO	31230	49995	YES
	5.-10.	25323	111.7	139.6	YES	150.	YES	19161	17571	NO			
	0.-10.	48264	153.6	186.1	N/A	N/A	N/A	19161	24132	N/A			
BIG BEACH MAINE	0.-5.	16171	205.9	93.1	NO	100.	NO	4595	9085	YES	23000	36952	YES
	5.-10.	131023	555.1	139.6	NO	150.	NO	47404	65511	YES			
	0.-10.	147194	458.5	186.1	N/A	N/A	N/A	47404	73597	N/A			

CONNECTICUT RIVER REGION

POPULATION IN THE REGION FOR THE YEAR 1990 IS 333031 DENSITY FOR THE REGION IS 105.7

SITE NAME	DISTANCE MILES	POPULATION SITE	DENSITY SITE	LIMITATION CRITERIA				Worst Section Criteria			GROWTH CRITERIA		
				REGIONAL		SBC		SITE	0.5 (ALLOWABLE)	MEET YES/NO	YEAR 2010	2 TIMES YR 1990	MEET YES/NO
				VALUE	MEET YES/NO	VALUE	MEET YES/NO						
MONTAGUE	0.-5.	35709	454.7	52.8	NO	100.	NO	11376	17454	YES	45279	71418	YES
	5.-10.	17761	75.4	79.3	YES	150.	YES	12241	17671	YES			
	0.-10.	53470	170.2	105.7	N/A	N/A	N/A	12241	26735	N/A			
NORTHFIELD	0.-5.	4249	54.1	52.8	NO	100.	YES	1688	3927	YES	5349	8498	YES
	5.-10.	23375	99.2	79.3	NO	150.	YES	10054	17671	YES			
	0.-10.	27524	87.9	105.7	N/A	N/A	N/A	10054	13312	N/A			
BARTLEBURN	0.-5.	18738	238.6	52.8	NO	100.	NO	7196	9369	YES	23759	37476	YES
	5.-10.	10380	45.2	79.3	YES	150.	YES	7196	17671	YES			
	0.-10.	29618	94.3	105.7	N/A	N/A	N/A	7196	14809	N/A			
PUTNEY	0.-5.	4507	57.4	52.8	NO	100.	YES	2025	3927	YES	5715	9014	YES
	5.-10.	21798	92.5	79.3	NO	150.	YES	3689	17671	YES			
	0.-10.	26305	83.7	105.7	N/A	N/A	N/A	3689	13152	N/A			
WALPOLE	0.-5.	9035	115.0	52.8	NO	100.	NO	4011	4517	YES	11456	18070	YES
	5.-10.	19324	44.1	79.3	YES	150.	YES	5671	17671	YES			
	0.-10.	19429	61.8	105.7	N/A	N/A	N/A	5671	9714	N/A			
CHARLESTOWN	0.-5.	24699	314.5	52.8	NO	100.	NO	12736	12349	NO	31320	49398	YES
	5.-10.	15596	66.2	79.3	YES	150.	YES	12736	17671	YES			
	0.-10.	40295	128.3	105.7	N/A	N/A	N/A	12736	29147	N/A			
ASCUTNEY	0.-5.	4880	62.1	52.8	NO	100.	YES	1972	3927	YES	6199	9760	YES
	5.-10.	36032	152.9	79.3	NO	150.	NO	3870	18016	YES			
	0.-10.	40912	139.2	105.7	N/A	N/A	N/A	3870	20456	N/A			
PLAINFIELD	0.-5.	4558	58.0	52.8	NO	100.	YES	2005	3927	YES	5730	9116	YES
	5.-10.	25206	107.0	79.3	NO	150.	YES	8227	17671	YES			
	0.-10.	29764	94.7	105.7	N/A	N/A	N/A	8227	14382	N/A			
WHITE RIVER JUNCT	0.-5.	27755	353.4	52.8	NO	100.	NO	9811	13477	YES	35193	55510	YES
	5.-10.	2327	32.9	79.3	YES	150.	YES	9803	17671	YES			
	0.-10.	37152	118.3	105.7	N/A	N/A	N/A	9803	13576	N/A			

MERRIMACK RIVER REGION

POPULATION IN THE REGION FOR THE YEAR 1990 IS 631312 DENSITY FOR THE REGION IS 187.4

SITE NAME	DISTANCE MILES	POPULATION SITE	DENSITY SITE	LIMITATION CRITERIA REGIONAL		CRITERIA IRC		WORST SECTOR CRITERIA POPULATION			GROWTH CRITERIA POPULATION		
				VALUE	MEET YES/NO	VALUE	MEET YES/NO	SITE	0.5 (ALLOWABLE)	MEET YES/NO	YEAR 2030	2 TIMES YR 1990	MEET YES/NO
FRANKLIN	0.-5.	14813	188.6	93.7	NO	100.	NO	3182	7406	YES	20460	29626	YES
	5.-10.	11500	43.8	140.5	YES	150.	YES	5273	17571	YES			
	0.-10.	26313	83.8	187.4	N/A	N/A	N/A	5273	13156	N/A			
BOSCAWEN	0.-5.	13436	170.7	93.7	NO	100.	NO	3347	6703	YES	18516	26812	YES
	5.-10.	46244	195.3	140.5	NO	150.	NO	22132	23122	YES			
	0.-10.	59680	189.9	187.4	N/A	N/A	N/A	22132	29825	N/A			
HOMSETT	0.-5.	14556	186.6	93.7	NO	100.	NO	3772	7328	YES	20243	29312	YES
	5.-10.	150258	637.7	140.5	NO	150.	NO	60400	75129	YES			
	0.-10.	164814	524.9	187.4	N/A	N/A	N/A	60400	82457	N/A			
MERRIMACK	0.-5.	16950	215.8	93.7	NO	100.	NO	4323	8475	YES	23392	33900	YES
	5.-10.	221303	939.2	140.5	NO	150.	NO	88460	110551	YES			
	0.-10.	238253	758.4	187.4	N/A	N/A	N/A	88460	119126	N/A			
DUNSTABLE	0.-5.	99553	126.7	93.7	NO	100.	NO	25921	49781	YES	134398	199126	YES
	5.-10.	219226	233.4	140.5	NO	150.	NO	76770	109963	YES			
	0.-10.	319489	1017.0	187.4	N/A	N/A	N/A	76770	159744	N/A			
LAWRENCE	0.-5.	165981	2126.1	93.7	NO	100.	NO	45561	83490	YES	223872	333962	YES
	5.-10.	327049	1388.0	140.5	NO	150.	NO	94217	163524	YES			
	0.-10.	494030	1572.5	187.4	N/A	N/A	N/A	94217	247015	N/A			
GROVELAND	0.-5.	67141	854.9	93.7	NO	100.	NO	24324	33570	YES	90196	134282	YES
	5.-10.	165564	702.7	140.5	NO	150.	NO	63655	82782	YES			
	0.-10.	232705	740.7	187.4	N/A	N/A	N/A	63655	116352	N/A			
NEWBURY PORT	0.-5.	43879	558.7	93.7	NO	100.	NO	10564	21939	YES	58828	87758	YES
	5.-10.	55693	236.4	140.5	NO	150.	NO	13999	27846	YES			
	0.-10.	99572	316.9	187.4	N/A	N/A	N/A	13999	49786	N/A			
ESSEX	0.-5.	24372	310.3	93.7	NO	100.	NO	7389	12186	YES	32763	48744	YES
	5.-10.	147959	624.1	140.5	NO	150.	NO	42626	73529	YES			
	0.-10.	171431	545.7	187.4	N/A	N/A	N/A	42626	85715	N/A			
LITTLE BOARDS HEAD	0.-5.	17730	225.7	93.7	NO	100.	NO	3406	9365	YES	22130	35460	YES
	5.-10.	73052	310.1	140.5	NO	150.	NO	21742	36531	YES			
	0.-10.	90792	289.0	187.4	N/A	N/A	N/A	21742	45396	N/A			

NEW ENGLAND COASTAL REGION

POPULATION IN THE REGION FOR THE YEAR 1990 IS 311111 DENSITY FOR THE REGION IS 216.3

SITE NAME	DISTANCE MILES	POPULATION SITE	DENSITY SITE	LIMITATION CRITERIA REGIONAL				WOBST SECTOR CRITERIA POPULATION			GROWTH CRITERIA POPULATION		
				VALUE	MEET	VALUE	MEET	SITE	0.5 (ALLOWABLE)	MEET	YEAR 2010	2 TIMES YR 1990	MEET
					YES/NO		YES/NO			YES/NO			YES/NO
GRIMELAND	0.-5.	61141	854.9	108.2	NO	100.	NO	24324	33570	YES	90195	134232	YES
	5.-10.	155564	102.1	152.2	NO	150.	NO	53555	82782	YES			
	0.-10.	232195	140.1	216.3	N/A	N/A	N/A	63355	115352	N/A			
NEADJURY PORT	0.-5.	43812	554.1	108.2	NO	100.	NO	10564	21939	YES	59828	81158	YES
	5.-10.	55623	236.4	162.2	NO	150.	NO	13999	21346	YES			
	0.-10.	99512	315.9	216.3	N/A	N/A	N/A	13999	49186	N/A			
MANCHESTER MASS	0.-5.	31617	419.0	108.2	NO	100.	NO	14575	19308	YES	50510	75214	YES
	5.-10.	124613	523.9	162.2	NO	150.	NO	42074	52305	YES			
	0.-10.	162230	515.4	216.3	N/A	N/A	N/A	42074	91115	N/A			
PIGION COVE	0.-5.	21910	272.1	108.2	NO	100.	NO	1465	10985	YES	29512	43940	YES
	5.-10.	26924	114.3	162.2	YES	150.	YES	22411	11571	NO			
	0.-10.	48894	155.6	216.3	N/A	N/A	N/A	22411	24447	N/A			
ESSEX	0.-5.	24312	310.3	108.2	NO	100.	NO	1389	12186	YES	32763	48144	YES
	5.-10.	141059	624.1	162.2	NO	150.	NO	42626	73529	YES			
	0.-10.	171431	545.1	216.3	N/A	N/A	N/A	42626	35715	N/A			
LITTLE BARS HEAD	0.-5.	11130	225.1	108.2	NO	100.	NO	3406	9365	YES	22130	35460	YES
	5.-10.	13962	319.1	152.2	NO	150.	NO	21742	35531	YES			
	0.-10.	90192	289.0	216.3	N/A	N/A	N/A	21742	45396	N/A			
KITTEY POINT MAINE	0.-5.	32214	410.2	108.2	NO	100.	NO	14113	15107	YES	40205	64428	YES
	5.-10.	29147	123.1	152.2	YES	150.	YES	21937	11571	NO			
	0.-10.	61361	125.3	216.3	N/A	N/A	N/A	21937	30680	N/A			
CAPE REDDICK MAINE	0.-5.	6021	11.6	108.2	YES	100.	YES	2106	3927	YES	1602	12132	YES
	5.-10.	12894	54.7	162.2	YES	150.	YES	4450	11571	YES			
	0.-10.	18915	56.4	216.3	N/A	N/A	N/A	4450	9487	N/A			
ELMS MAINE	0.-5.	8534	110.6	108.2	NO	100.	NO	2752	4342	YES	10837	17368	YES
	5.-10.	13282	56.4	152.2	YES	150.	YES	4356	11571	YES			
	0.-10.	21966	69.9	216.3	N/A	N/A	N/A	4356	10983	N/A			
BIDDEFORD POINT MA	0.-5.	24998	318.1	108.2	NO	100.	NO	14592	12499	NO	31290	49926	YES
	5.-10.	30992	121.3	152.2	YES	150.	YES	21835	11571	NO			
	0.-10.	55090	175.1	216.3	N/A	N/A	N/A	21835	27500	N/A			
HIGGINS BEACH MAINE	0.-5.	18426	214.5	108.2	NO	100.	NO	5236	9213	YES	23000	36352	YES
	5.-10.	149315	533.1	162.2	NO	150.	NO	54021	14551	YES			
	0.-10.	167741	533.2	216.3	N/A	N/A	N/A	54021	43370	N/A			

CONNECTICUT RIVER REGION

POPULATION IN THE REGION FOR THE YEAR 2030 IS 423530 DENSITY FOR THE REGION IS 134.4

SITE NAME	DISTANCE MILES	POPULATION SITE	DENSITY SITE	LIMITATION CRITERIA REGIONAL				WORST SECTOR CRITERIA POPULATION			GROWTH CRITERIA POPULATION		
				VALUE	MEET YES/NO	VALUE	MEET YES/NO	SITE	0.5 (ALLOWABLE)	MEET YES/NO	YEAR 2030	2 TIMES YR 1990	MEET YES/NO
MONTAGUE	0.-5.	45279	575.5	67.2	NO	100.	NO	14424	22539	YES	45279	71418	YES
	5.-10.	22522	95.6	100.8	YES	150.	YES	15521	17571	YES			
	0.-10.	67801	215.8	134.4	N/A	N/A	N/A	15521	33900	N/A			
NORTHFIELD	0.-5.	5389	63.6	67.2	NO	100.	YES	2141	3927	YES	5389	8498	YES
	5.-10.	29636	125.9	100.8	NO	150.	YES	12749	17571	YES			
	0.-10.	35025	111.5	134.4	N/A	N/A	N/A	12749	17512	N/A			
BATTLEBORN	0.-5.	23759	302.5	67.2	NO	100.	NO	9124	11479	YES	23759	37476	YES
	5.-10.	13797	53.6	100.8	YES	150.	YES	9124	17671	YES			
	0.-10.	37556	119.5	134.4	N/A	N/A	N/A	9124	18778	N/A			
PUTNEY	0.-5.	5715	72.3	67.2	NO	100.	YES	2567	3927	YES	5715	9014	YES
	5.-10.	27641	117.3	100.8	NO	150.	YES	11017	17571	YES			
	0.-10.	33356	106.2	134.4	N/A	N/A	N/A	11017	16578	N/A			
WALPOLE	0.-5.	11456	145.9	67.2	NO	100.	NO	5086	5728	YES	11456	18070	YES
	5.-10.	13130	55.9	100.8	YES	150.	YES	7190	17671	YES			
	0.-10.	24536	73.4	134.4	N/A	N/A	N/A	7190	12318	N/A			
CHARLESTOWN	0.-5.	31320	398.8	67.2	NO	100.	NO	16150	15660	NO	31320	49398	YES
	5.-10.	19777	83.9	100.8	YES	150.	YES	16150	17671	YES			
	0.-10.	51093	162.6	134.4	N/A	N/A	N/A	16150	25546	N/A			
ASCUTNEY	0.-5.	6189	78.8	67.2	NO	100.	YES	2501	3927	YES	6189	9760	YES
	5.-10.	45620	123.9	100.8	NO	150.	NO	11248	22845	YES			
	0.-10.	51372	165.1	134.4	N/A	N/A	N/A	11248	25239	N/A			
PLAINFIELD	0.-5.	5780	73.6	67.2	NO	100.	YES	2543	3927	YES	5780	9116	YES
	5.-10.	31959	135.6	100.8	NO	150.	YES	10431	17571	YES			
	0.-10.	37739	120.1	134.4	N/A	N/A	N/A	10431	19369	N/A			
WHITE RIVER JUNCT	0.-5.	35193	448.1	67.2	NO	100.	NO	11173	17596	YES	35193	55510	YES
	5.-10.	11916	50.6	100.8	YES	150.	YES	12431	17671	YES			
	0.-10.	47109	153.9	134.4	N/A	N/A	N/A	12431	23554	N/A			

MEMPHACK RIVER REGION

POPULATION IN THE REGION FOR THE YEAR 2030 IS 843041 DENSITY FOR THE REGION IS 250.2

SITE NAME	DISTANCE MILES	POPULATION SITE	DENSITY SITE	LIMITATION CRITERIA REGIONAL				WORST SECTOR CRITERIA POPULATION			GROWTH CRITERIA POPULATION		
				VALUE	MEET YES/NO	VALUE	MEET YES/NO	SITE	0.5 (ALLOWABLE)	MEET YES/NO	YEAR 2010	2 TIMES YR 1990	MEET YES/NO
FRANKLIN	0.-5.	20460	250.5	125.1	NO	100.	NO	4395	10230	YES	20460	29626	YES
	5.-10.	15336	57.4	187.7	YES	150.	YES	7285	17671	YES			
	0.-10.	35346	115.7	250.2	N/A	N/A	N/A	7285	18173	N/A			
BOSCAWEN	0.-5.	18516	235.8	125.1	NO	100.	NO	4624	9258	YES	18516	24812	YES
	5.-10.	83878	271.1	137.7	NO	150.	NO	30570	31939	YES			
	0.-10.	82394	262.3	250.2	N/A	N/A	N/A	30570	41197	N/A			
HOOKSETT	0.-5.	20243	257.7	125.1	NO	100.	NO	5210	10121	YES	20243	29312	YES
	5.-10.	207250	879.6	187.7	NO	150.	NO	83430	103525	YES			
	0.-10.	227493	724.1	250.2	N/A	N/A	N/A	83430	113746	N/A			
MEMPHACK	0.-5.	23392	297.8	125.1	NO	100.	NO	6068	11596	YES	23392	33900	YES
	5.-10.	304440	1292.1	137.7	NO	150.	NO	122189	152220	YES			
	0.-10.	327332	1043.5	250.2	N/A	N/A	N/A	122189	163916	N/A			
DUNSTABLE	0.-5.	134398	1711.2	125.1	NO	100.	NO	34849	67129	YES	134398	199126	YES
	5.-10.	298248	1265.8	137.7	NO	150.	NO	103207	149124	YES			
	0.-10.	432646	1377.2	250.2	N/A	N/A	N/A	103207	216323	N/A			
LAWRENCE	0.-5.	223872	2350.4	125.1	NO	100.	NO	62730	111936	YES	223872	333962	YES
	5.-10.	438057	1859.2	137.7	NO	150.	NO	126663	219033	YES			
	0.-10.	661939	2107.9	250.2	N/A	N/A	N/A	126663	339269	N/A			
GROVELAND	0.-5.	90196	1148.4	125.1	NO	100.	NO	32700	45098	YES	90196	134282	YES
	5.-10.	221690	934.3	137.7	NO	150.	NO	85576	110545	YES			
	0.-10.	311286	990.9	250.2	N/A	N/A	N/A	85576	155643	N/A			
NEWBURY PORT	0.-5.	58828	749.0	125.1	NO	100.	NO	14202	29414	YES	58828	87753	YES
	5.-10.	73465	311.8	137.7	NO	150.	NO	19820	36732	YES			
	0.-10.	132293	421.1	250.2	N/A	N/A	N/A	19820	65146	N/A			
ESSEX	0.-5.	32753	417.2	125.1	NO	100.	NO	9934	16381	YES	32753	48744	YES
	5.-10.	197798	839.1	137.7	NO	150.	NO	57307	93454	YES			
	0.-10.	230471	733.6	250.2	N/A	N/A	N/A	57307	115235	N/A			
LITTLE DOGS HEAD	0.-5.	22130	231.3	125.1	NO	100.	NO	4251	11065	YES	22130	35460	YES
	5.-10.	92346	394.1	137.7	NO	150.	NO	27135	45423	YES			
	0.-10.	114976	365.9	250.2	N/A	N/A	N/A	27135	57488	N/A			

NEW ENGLAND COASTAL REGION

POPULATION IN THE REGION FOR THE YEAR 2030 IS 484528 DENSITY FOR THE REGION IS 276.9

SITE NAME	DISTANCE MILES	POPULATION SITE	DENSITY SITE	LIMITATION CRITERIA				Worst Sector Criteria			Growth Criteria		
				REGIONAL VALUE	MEET YES/NO	REGIONAL VALUE	MEET YES/NO	SITE	0.5 (ALLOWABLE)	MEET YES/NO	YEAR 2030	2 TIMES YR 1990	MEET YES/NO
GROVELAND	0.-5.	90196	1143.4	138.4	NO	100.	NO	32700	45028	YES	20126	134292	YES
	5.-10.	221090	933.1	207.7	NO	150.	NO	85576	110545	YES			
	0.-10.	311286	990.9	276.9	N/A	N/A	N/A	85576	155643	N/A			
NEWBURY PORT	0.-5.	50828	749.0	138.4	NO	100.	NO	14202	29414	YES	50828	87758	YES
	5.-10.	73465	311.8	207.7	NO	150.	NO	10820	36732	YES			
	0.-10.	132293	421.1	276.9	N/A	N/A	N/A	10820	55146	N/A			
MANCHESTER MASS	0.-5.	50570	643.2	138.4	NO	100.	NO	19595	25285	YES	50570	75234	YES
	5.-10.	167525	711.9	207.7	NO	150.	NO	56562	83762	YES			
	0.-10.	218095	694.2	276.9	N/A	N/A	N/A	56562	102947	N/A			
PIGION COVE	0.-5.	29532	376.0	138.4	NO	100.	NO	19036	14766	YES	29532	43940	YES
	5.-10.	36197	153.6	207.7	YES	150.	NO	30219	18098	NO			
	0.-10.	65729	209.2	276.9	N/A	N/A	N/A	30219	32364	N/A			
ESSEX	0.-5.	32763	417.2	138.4	NO	100.	NO	9934	16391	YES	32763	48744	YES
	5.-10.	197708	839.1	207.7	NO	150.	NO	57307	98354	YES			
	0.-10.	230471	731.6	276.9	N/A	N/A	N/A	57307	115235	N/A			
LITTLE BARS HEAD	0.-5.	22130	281.8	138.4	NO	100.	NO	4251	11955	YES	22130	35460	YES
	5.-10.	92846	394.1	207.7	NO	150.	NO	27135	46423	YES			
	0.-10.	114976	365.0	276.9	N/A	N/A	N/A	27135	57488	N/A			
KITTEY POINT MAINE	0.-5.	40205	511.9	138.4	NO	100.	NO	18362	20102	YES	40205	64428	YES
	5.-10.	36380	154.4	207.7	YES	150.	NO	34867	18190	NO			
	0.-10.	76585	243.8	276.9	N/A	N/A	N/A	34867	38292	N/A			
CAPE MIDDICK MAINE	0.-5.	7602	95.8	138.4	YES	100.	YES	3377	3927	YES	7602	12132	YES
	5.-10.	16077	64.2	207.7	YES	150.	YES	5553	17671	YES			
	0.-10.	23679	75.4	276.9	N/A	N/A	N/A	5553	11439	N/A			
ELRS MAINE	0.-5.	10437	138.0	138.4	YES	100.	NO	3435	5418	YES	10437	17368	YES
	5.-10.	16572	70.4	207.7	YES	150.	YES	6061	17571	YES			
	0.-10.	27416	87.1	276.9	N/A	N/A	N/A	6061	13708	N/A			
BIDDLEFORD POINT MA	0.-5.	31230	177.3	138.4	NO	100.	NO	13211	15600	NO	31230	49996	YES
	5.-10.	37442	154.2	207.7	YES	150.	NO	27253	18724	NO			
	0.-10.	68642	218.5	276.9	N/A	N/A	N/A	27253	34324	N/A			
HIGGEL BEACH MAINE	0.-5.	23030	292.4	138.4	NO	100.	NO	6535	11500	YES	23030	36852	YES
	5.-10.	135361	791.9	207.7	NO	150.	NO	67425	93180	YES			
	0.-10.	272361	666.4	276.9	N/A	N/A	N/A	67425	104580	N/A			

SCIOTO RIVER REGION

POPULATION IN THE REGION FOR THE YEAR 1970 IS 264634 DENSITY FOR THE REGION IS 63.0

SITE NAME	DISTANCE MILES	POPULATION SITE	DENSITY SITE	LIMITATION CRITERIA				Worst Sector Criteria			Growth Criteria		
				Regional		IRC		Population		Meet	Population		Meet
				Value	Met Yes/No	Value	Met Yes/No	Site	0.5 (allowable)		Year 2010	2 Times Yr 1990	
HELLEPOLE	0.-5.	10657	135.7	31.5	NO	100.	NO	5547	5328	NO	19450	28366	YES
	5.-10.	24062	102.1	47.2	NO	150.	YES	14960	17571	YES			
	0.-10.	34719	110.5	63.0	N/A	N/A	N/A	14960	17359	N/A			
DUBLIN	0.-5.	49453	622.7	31.5	NO	100.	NO	11053	24726	YES	90299	131624	YES
	5.-10.	312988	1328.4	47.2	NO	150.	NO	126357	156494	YES			
	0.-10.	362441	1153.7	63.0	N/A	N/A	N/A	125857	181220	N/A			
SHADEVILLE	0.-5.	18733	233.5	31.5	NO	100.	NO	6419	9366	YES	34205	49850	YES
	5.-10.	259705	1102.2	47.2	NO	150.	NO	77280	129852	YES			
	0.-10.	278438	836.3	63.0	N/A	N/A	N/A	77280	139219	N/A			
LITTLE WALCOT	0.-5.	3412	107.1	31.5	NO	100.	NO	2536	4206	YES	15360	22390	YES
	5.-10.	27299	115.9	47.2	NO	150.	YES	12673	17671	YES			
	0.-10.	35711	113.7	63.0	N/A	N/A	N/A	12673	17855	N/A			
YELLOWBUSH	0.-5.	1713	21.8	31.5	YES	100.	YES	986	3927	YES	3127	4560	YES
	5.-10.	25412	107.9	47.2	NO	150.	YES	9125	17671	YES			
	0.-10.	27125	86.3	63.0	N/A	N/A	N/A	8125	13562	N/A			
HETZGEN	0.-5.	36162	450.4	31.5	NO	100.	NO	9890	18081	YES	66029	96254	YES
	5.-10.	10641	45.2	47.2	YES	150.	YES	12458	17671	YES			
	0.-10.	46803	149.0	63.0	N/A	N/A	N/A	12458	23401	N/A			
MASSIEVILLE	0.-5.	4307	54.8	31.5	NO	100.	YES	1258	3927	YES	7855	11464	YES
	5.-10.	43263	183.6	47.2	NO	150.	NO	17734	21631	YES			
	0.-10.	47570	151.4	63.0	N/A	N/A	N/A	17734	23785	N/A			
RICHMOND DALE	0.-5.	2779	35.4	31.5	NO	100.	YES	846	3927	YES	5074	7400	YES
	5.-10.	9143	33.9	47.2	YES	150.	YES	3789	17671	YES			
	0.-10.	11922	37.9	63.0	N/A	N/A	N/A	3789	5961	N/A			
OASCA	0.-5.	1860	23.7	31.5	YES	100.	YES	843	3927	YES	3396	4952	YES
	5.-10.	16775	71.2	47.2	NO	150.	YES	5673	17671	YES			
	0.-10.	19635	59.3	63.0	N/A	N/A	N/A	5673	9317	N/A			
WAKEFIELD	0.-5.	3330	43.0	31.5	NO	100.	YES	1295	3927	YES	6172	8996	YES
	5.-10.	13258	56.3	47.2	NO	150.	YES	2717	17671	YES			
	0.-10.	16638	53.0	63.0	N/A	N/A	N/A	2717	8319	N/A			
ROUSHORH	0.-5.	16352	206.2	31.5	NO	100.	NO	3130	8176	YES	29859	43520	YES
	5.-10.	48398	295.9	47.2	NO	150.	NO	25509	24154	NO			
	0.-10.	64650	295.1	63.0	N/A	N/A	N/A	25509	32330	N/A			
FRIEDRICH	0.-5.	3163	40.3	31.5	NO	100.	YES	1306	3927	YES	5359	8100	YES
	5.-10.	16655	151.3	47.2	NO	150.	NO	24765	17527	NO			
	0.-10.	30114	121.5	63.0	N/A	N/A	N/A	24765	19409	N/A			
GARDEL CITY	0.-5.	12173	155.1	31.5	NO	100.	NO	1409	5089	YES	19355	30260	YES
	5.-10.	47452	291.4	47.2	NO	150.	NO	21202	21722	YES			
	0.-10.	59625	192.8	63.0	N/A	N/A	N/A	23209	29318	N/A			

OHIO RIVER REGION

POPULATION IN THE REGION FOR THE YEAR 1970 IS 311323 DENSITY FOR THE REGION IS 69.6

SITE NAME	DISTANCE MILES	POPULATION SITE	DENSITY SITE	LIMITATION CRITERIA				WORST SECTOR CRITERIA			GROWTH CRITERIA		
				REGIONAL		MHC		POPULATION		POPULATION			
				VALUE	MEET YES/NO	VALUE	MEET YES/NO	SITE	0.5 (ALLOWABLE)	MEET YES/NO	YEAR 2030	2 TIMES YR 1990	MEET YES/NO
RUSHDOWN	0.-5.	16352	208.2	34.8	NO	100.	NO	3130	8176	YES	29859	43520	YES
	5.-10.	43308	205.0	52.2	NO	150.	NO	25509	24154	NO			
	0.-10.	64660	205.8	69.6	N/A	N/A	N/A	25509	32330	N/A			
FRIENDSHIP	0.-5.	3163	40.3	34.8	NO	100.	YES	1706	3927	YES	5369	8100	YES
	5.-10.	35655	151.3	52.2	NO	150.	NO	24766	17327	NO			
	0.-10.	39318	123.6	69.6	N/A	N/A	N/A	24766	12409	N/A			
ROCKINGPORT	0.-5.	3751	47.8	34.8	NO	100.	YES	1953	3927	YES	4158	8622	YES
	5.-10.	12947	54.9	52.2	NO	150.	YES	4407	17671	YES			
	0.-10.	16698	53.2	69.6	N/A	N/A	N/A	4407	8349	N/A			
PORTLAND	0.-5.	5665	72.1	34.8	NO	100.	YES	3356	3927	YES	6279	13022	YES
	5.-10.	8492	36.0	52.2	YES	150.	YES	4351	17671	YES			
	0.-10.	14157	45.1	69.6	N/A	N/A	N/A	4351	7078	N/A			
SYRACUSE	0.-5.	14462	184.1	34.8	NO	100.	NO	4191	7231	YES	15859	32594	YES
	5.-10.	19034	42.8	52.2	YES	150.	YES	5654	17671	YES			
	0.-10.	24546	78.1	69.6	N/A	N/A	N/A	5654	12273	N/A			
CHESHIRE	0.-5.	8992	113.2	34.8	NO	100.	NO	3545	4446	YES	9673	19736	YES
	5.-10.	29987	127.3	52.2	NO	150.	YES	8254	17671	YES			
	0.-10.	38879	123.8	69.6	N/A	N/A	N/A	8254	19439	N/A			
NORTHUP	0.-5.	9749	124.1	34.8	NO	100.	NO	4299	4874	YES	10758	22230	YES
	5.-10.	15099	64.1	52.2	NO	150.	YES	9819	17671	YES			
	0.-10.	24848	79.1	69.6	N/A	N/A	N/A	9819	12424	N/A			
SWAN CREEK	0.-5.	3560	45.3	34.8	NO	100.	YES	1515	3927	YES	3918	8078	YES
	5.-10.	9362	39.7	52.2	YES	150.	YES	1849	17671	YES			
	0.-10.	12922	41.1	69.6	N/A	N/A	N/A	1849	6461	N/A			
ROBE	0.-5.	65169	829.8	34.8	NO	100.	NO	21115	32584	YES	72227	149792	YES
	5.-10.	56541	240.0	52.2	NO	150.	NO	57611	26270	NO			
	0.-10.	121710	387.4	69.6	N/A	N/A	N/A	57611	69355	N/A			
CATELLESBURG	0.-5.	57510	712.2	34.8	NO	100.	NO	15092	28755	YES	63734	132196	YES
	5.-10.	115388	499.7	52.2	NO	150.	NO	44138	57694	YES			
	0.-10.	172898	550.4	69.6	N/A	N/A	N/A	44138	85449	N/A			
LA GRANGE	0.-5.	42675	543.4	34.8	NO	100.	NO	11225	21337	YES	47297	98092	YES
	5.-10.	54723	232.3	52.2	NO	150.	NO	40319	27361	NO			
	0.-10.	97398	313.0	69.6	N/A	N/A	N/A	40319	49599	N/A			
GARJEET CITY	0.-5.	12178	155.1	34.8	NO	100.	NO	3409	6989	YES	19365	30960	YES
	5.-10.	47459	201.4	52.2	NO	150.	NO	23209	23729	YES			
	0.-10.	59637	182.8	69.6	N/A	N/A	N/A	23209	29818	N/A			

SCOTO RIVER REGION

POPULATION IN THE REGION FOR THE YEAR 1990 IS 342183 DENSITY FOR THE REGION IS 81.4

SITE NAME	DISTANCE MILES	POPULATION SITE	DENSITY SITE	LIMITATION REGIONAL		CRITERIA IRC		WORST SECTOR CRITERIA POPULATION			GROWTH CRITERIA POPULATION		
				VALUE	MEET YES/NO	VALUE	MEET YES/NO	SITE	0.5 (ALLOWABLE)	MEET YES/NO	YEAR 2030	2 TIMES YR 1990	MEET YES/NO
BELLEPOINT	0.-5.	14183	180.6	40.7	NO	100.	NO	7381	7091	NO	12459	28366	YES
	5.-10.	32023	135.9	61.1	NO	150.	YES	19207	17671	NO			
	0.-10.	46206	147.1	81.4	N/A	N/A	N/A	19207	23103	N/A			
DUBLIN	0.-5.	65812	837.9	40.7	NO	100.	NO	14709	32906	YES	90299	131624	YES
	5.-10.	416522	1767.8	61.1	NO	150.	NO	168820	208261	YES			
	0.-10.	482334	1535.3	81.4	N/A	N/A	N/A	168820	241167	N/A			
SHADEVILLE	0.-5.	24930	317.4	40.7	NO	100.	NO	8542	12465	YES	34205	49960	YES
	5.-10.	345485	1466.3	61.1	NO	150.	NO	102844	172142	YES			
	0.-10.	370415	1179.1	81.4	N/A	N/A	N/A	102844	185207	N/A			
LITTLE WALNUT	0.-5.	11195	142.5	40.7	NO	100.	NO	3508	5597	YES	15360	22390	YES
	5.-10.	35257	153.9	61.1	NO	150.	NO	16865	18133	YES			
	0.-10.	47462	151.1	81.4	N/A	N/A	N/A	16865	23731	N/A			
YELLOWBUD	0.-5.	2280	29.0	40.7	YES	100.	YES	1312	3927	YES	3127	4560	YES
	5.-10.	33819	143.5	61.1	NO	150.	YES	10814	17571	YES			
	0.-10.	36099	114.9	81.4	N/A	N/A	N/A	10814	18949	N/A			
METZGEN	0.-5.	48127	612.8	40.7	NO	100.	NO	13162	24063	YES	66029	96254	YES
	5.-10.	14162	60.1	61.1	YES	150.	YES	16580	17671	YES			
	0.-10.	62289	198.3	81.4	N/A	N/A	N/A	16580	31144	N/A			
MASTIEVILLE	0.-5.	5732	73.0	40.7	NO	100.	YES	1674	3927	YES	7855	11464	YES
	5.-10.	57575	244.4	61.1	NO	150.	NO	23500	24787	YES			
	0.-10.	63307	201.5	81.4	N/A	N/A	N/A	23500	31653	N/A			
RICHMOND JALE	0.-5.	3700	47.1	40.7	NO	100.	YES	1126	3927	YES	5074	7400	YES
	5.-10.	11374	50.4	61.1	YES	150.	YES	5042	17671	YES			
	0.-10.	15574	49.6	81.4	N/A	N/A	N/A	5042	7797	N/A			
OMEGA	0.-5.	2476	31.5	40.7	YES	100.	YES	1122	3927	YES	3394	4952	YES
	5.-10.	21991	93.3	61.1	NO	150.	YES	7549	17571	YES			
	0.-10.	24467	77.9	81.4	N/A	N/A	N/A	7549	12233	N/A			
WAKEFIELD	0.-5.	4498	57.3	40.7	NO	100.	YES	1723	3927	YES	6172	8996	YES
	5.-10.	17643	74.9	61.1	NO	150.	YES	3615	17671	YES			
	0.-10.	22141	70.5	81.4	N/A	N/A	N/A	3615	11070	N/A			
HUSHFORD	0.-5.	21760	277.1	40.7	NO	100.	NO	4165	19380	YES	29859	43520	YES
	5.-10.	68594	269.9	61.1	NO	150.	NO	33527	31797	NO			
	0.-10.	85354	271.7	81.4	N/A	N/A	N/A	33527	42677	N/A			
FRIENDSHIP	0.-5.	4450	51.5	40.7	NO	100.	YES	1738	3927	YES	5359	8100	YES
	5.-10.	45948	195.4	61.1	NO	150.	NO	32958	24924	NO			
	0.-10.	59998	159.5	81.4	N/A	N/A	N/A	32958	25049	N/A			
GARFIELD CITY	0.-5.	15480	197.1	40.7	NO	100.	NO	4537	7740	YES	19455	30950	YES
	5.-10.	61725	252.0	61.1	NO	150.	NO	30555	30852	YES			
	0.-10.	77205	215.1	81.4	N/A	N/A	N/A	30555	33592	N/A			

OHIO RIVER REGION

POPULATION IN THE REGION FOR THE YEAR 1990 IS 361968 DENSITY FOR THE REGION IS 80.9

SITE NAME	DISTANCE MILES	POPULATION SITE	DENSITY SITE	LIMITATION CRITERIA				WORST SECTOR CRITERIA			GROWTH CRITERIA		
				REGIONAL		IIRC		POPULATION		MEET YES/NO	POPULATION		MEET YES/NO
				VALUE	MEET YES/NO	VALUE	MEET YES/NO	SITE	0.5 (ALLOWABLE)		YEAR 2030	2 TIMES YR 1990	
MUSKATON	0.-5.	21760	277.1	40.5	NO	100.	NO	4165	10380	YES	29859	43520	YES
	5.-10.	63524	262.9	60.7	NO	150.	NO	33627	31797	NO			
	0.-10.	85354	271.7	80.9	N/A	N/A	N/A	33627	42677	N/A			
FRIENDSHIP	0.-5.	4050	51.6	40.5	NO	100.	YES	1738	3927	YES	5369	8100	YES
	5.-10.	46048	195.4	50.7	NO	150.	NO	32958	27024	NO			
	0.-10.	50098	159.5	80.9	N/A	N/A	N/A	32958	25049	N/A			
ROCKLANDPORT	0.-5.	4311	54.9	40.5	NO	100.	YES	2244	3927	YES	4158	8622	YES
	5.-10.	14578	61.9	60.7	NO	150.	YES	5065	17671	YES			
	0.-10.	18889	60.1	80.9	N/A	N/A	N/A	5065	9444	N/A			
PORTLAND	0.-5.	6511	82.9	40.5	NO	100.	YES	3857	3927	YES	6279	13022	YES
	5.-10.	2761	41.4	60.7	YES	150.	YES	5001	17671	YES			
	0.-10.	16272	51.8	80.9	N/A	N/A	N/A	5001	3136	N/A			
SYRACUSE	0.-5.	16297	207.5	40.5	NO	100.	NO	4740	8148	YES	15859	32594	YES
	5.-10.	11450	48.6	60.7	YES	150.	YES	6421	17671	YES			
	0.-10.	27747	83.3	80.9	N/A	N/A	N/A	6421	13873	N/A			
CHESHIRE	0.-5.	9868	125.6	40.5	NO	100.	NO	3866	4934	YES	9673	19736	YES
	5.-10.	33841	141.6	60.7	NO	150.	YES	9142	17671	YES			
	0.-10.	43709	139.1	80.9	N/A	N/A	N/A	9442	21354	N/A			
NORTHUP	0.-5.	11115	141.5	40.5	NO	100.	NO	4942	5557	YES	10758	22230	YES
	5.-10.	16839	71.7	60.7	NO	150.	YES	10398	17671	YES			
	0.-10.	28994	82.1	80.9	N/A	N/A	N/A	10898	14902	N/A			
SNAIL CREEK	0.-5.	4039	51.4	40.5	NO	100.	YES	1741	3927	YES	3918	8078	YES
	5.-10.	10642	45.2	60.7	YES	150.	YES	2125	17671	YES			
	0.-10.	14581	46.7	80.9	N/A	N/A	N/A	2125	7340	N/A			
ROME	0.-5.	74896	953.6	40.5	NO	100.	NO	24268	37448	YES	72227	149792	YES
	5.-10.	64984	275.8	60.7	NO	150.	NO	66215	32492	NO			
	0.-10.	139390	445.1	80.9	N/A	N/A	N/A	66215	69940	N/A			
CATTELL'S HILLS	0.-5.	56998	341.5	40.5	NO	100.	NO	17345	37049	YES	63734	132196	YES
	5.-10.	132523	562.9	60.7	NO	150.	NO	50729	66311	YES			
	0.-10.	198721	632.5	80.9	N/A	N/A	N/A	50729	99360	N/A			
LA GRANGE	0.-5.	49046	624.5	40.5	NO	100.	NO	12902	24523	YES	47297	98092	YES
	5.-10.	63400	269.1	60.7	NO	150.	NO	46915	31700	NO			
	0.-10.	112446	357.9	80.9	N/A	N/A	N/A	46915	55223	N/A			
GARDEN CITY	0.-5.	15480	197.1	40.5	NO	100.	NO	4537	7740	YES	19355	30960	YES
	5.-10.	61725	262.0	60.7	NO	150.	NO	30555	30352	YES			
	0.-10.	77205	245.8	80.9	N/A	N/A	N/A	30555	34602	N/A			

SCIO RIVER REGION

POPULATION IN THE REGION FOR THE YEAR 2030 IS 445403 DENSITY FOR THE REGION IS 105.0

SITE NAME	DISTANCE MILES	POPULATION SITE	DENSITY SITE	LIMITATION CRITERIA REGIONAL		CRITERIA IRC		WORST SECTOR CRITERIA POPULATION			GROWTH CRITERIA POPULATION		
				VALUE	MEET YES/NO	VALUE	MEET YES/NO	SITE	0.5 (ALLOWABLE)	MEET YES/NO	YEAR 2030	2 TIMES YR 1990	MEET YES/NO
BELLEPLAT	0.-5.	12459	247.8	53.0	NO	100.	NO	10129	9729	NO	19459	28366	YES
	5.-10.	43236	186.5	79.5	NO	150.	NO	27317	21268	NO			
	0.-10.	63395	201.8	106.0	N/A	N/A	N/A	27317	31697	N/A			
DUBLIN	0.-5.	90299	1149.7	53.0	NO	100.	NO	20182	45149	YES	90299	131624	YES
	5.-10.	571501	2425.5	79.5	NO	150.	NO	231635	285750	YES			
	0.-10.	661800	2106.5	106.0	N/A	N/A	N/A	231635	330200	N/A			
SHADLVILLE	0.-5.	34205	435.5	53.0	NO	100.	NO	11721	17102	YES	34205	49860	YES
	5.-10.	473708	2010.5	79.5	NO	150.	NO	141111	235354	YES			
	0.-10.	507913	1616.7	106.0	N/A	N/A	N/A	141111	253256	N/A			
LITTLE WALNUT	0.-5.	15360	195.6	53.0	NO	100.	NO	4813	7680	YES	15360	22390	YES
	5.-10.	49597	210.5	79.5	NO	150.	NO	23140	24798	YES			
	0.-10.	64957	206.8	106.0	N/A	N/A	N/A	23140	32478	N/A			
YELLOWBUD	0.-5.	3127	39.8	53.0	YES	100.	YES	1800	3927	YES	3127	4560	YES
	5.-10.	46404	126.2	79.5	NO	150.	NO	14838	23202	YES			
	0.-10.	42531	157.7	106.0	N/A	N/A	N/A	14838	24765	N/A			
METZEN	0.-5.	66029	840.7	53.0	NO	100.	NO	14058	33014	YES	66029	96254	YES
	5.-10.	12431	82.5	79.5	NO	150.	YES	22747	17671	NO			
	0.-10.	85460	272.0	106.0	N/A	N/A	N/A	22747	42730	N/A			
MASSIEVILLE	0.-5.	7865	109.1	53.0	NO	100.	NO	2297	3232	YES	7865	11464	YES
	5.-10.	18999	335.3	79.5	NO	150.	NO	32383	39499	YES			
	0.-10.	86364	276.5	106.0	N/A	N/A	N/A	32383	43432	N/A			
RICHMOND DALE	0.-5.	5074	64.6	53.0	NO	100.	YES	1545	3927	YES	5074	7490	YES
	5.-10.	15537	65.2	79.5	YES	150.	YES	6918	17671	YES			
	0.-10.	20611	65.6	106.0	N/A	N/A	N/A	6918	10305	N/A			
OMEGA	0.-5.	3396	43.2	53.0	YES	100.	YES	1539	3927	YES	3396	4952	YES
	5.-10.	29311	124.4	79.5	NO	150.	YES	10358	17671	YES			
	0.-10.	32707	104.1	106.0	N/A	N/A	N/A	10358	16353	N/A			
WAKEFIELD	0.-5.	6172	78.6	53.0	NO	100.	YES	2365	3927	YES	6172	8226	YES
	5.-10.	24207	102.7	79.5	NO	150.	YES	4961	17671	YES			
	0.-10.	30379	95.7	106.0	N/A	N/A	N/A	4961	15139	N/A			
RESHOM	0.-5.	29459	383.2	53.0	NO	100.	NO	5715	14229	YES	29459	43520	YES
	5.-10.	85459	362.7	79.5	NO	150.	NO	45311	42729	NO			
	0.-10.	115413	357.1	106.0	N/A	N/A	N/A	45311	57559	N/A			
FRIENDSHIP	0.-5.	5359	64.4	53.0	NO	100.	YES	2385	1927	YES	5359	8190	YES
	5.-10.	60077	295.0	79.5	NO	150.	NO	45222	19038	NO			
	0.-10.	65445	201.3	106.0	N/A	N/A	N/A	45222	32723	N/A			
GARFIELD CITY	0.-5.	19455	245.5	53.0	NO	100.	NO	5725	2582	YES	19455	10950	YES
	5.-10.	80245	341.7	79.5	NO	150.	NO	41454	43494	NO			
	0.-10.	100451	317.4	106.0	N/A	N/A	N/A	41454	50175	N/A			

OHIO RIVER REGION

POPULATION IN THE REGION FOR THE YEAR 2030 IS 370502 DENSITY FOR THE REGION IS 82.8

SITE NAME	DISTANCE MILES	POPULATION SITE	DENSITY SITE	LIMITATION CRITERIA REGIONAL				Worst Sector Criteria POPULATION			GROWTH CRITERIA POPULATION		
				VALUE	MEET YES/NO	VALUE	MEET YES/NO	SITE	0.5 (ALLOWABLE)	MEET YES/NO	YEAR 2030	2 TIMES YR 1990	MEET YES/NO
RUSHTOWN	0.-5.	29359	380.2	41.4	NO	100.	NO	5716	14929	YES	29859	43520	YES
	5.-10.	85459	362.7	62.1	NO	150.	NO	45311	42729	NO			
	0.-10.	115318	367.1	82.8	N/A	N/A	N/A	45311	57659	N/A			
FRIENDSHIP	0.-5.	5369	63.4	41.4	NO	100.	YES	2385	3927	YES	5369	8100	YES
	5.-10.	60077	255.0	62.1	NO	150.	NO	45222	39938	NO			
	0.-10.	65446	208.3	82.8	N/A	N/A	N/A	45222	32723	N/A			
ROCKHURST	0.-5.	4158	52.9	41.4	NO	100.	YES	2165	3927	YES	4158	8622	YES
	5.-10.	14458	61.4	62.1	YES	150.	YES	4885	17671	YES			
	0.-10.	18616	59.3	82.8	N/A	N/A	N/A	4885	9308	N/A			
PORTLAND	0.-5.	6279	79.9	41.4	NO	100.	YES	3719	3927	YES	6279	13022	YES
	5.-10.	9411	39.9	62.1	YES	150.	YES	4822	17671	YES			
	0.-10.	15690	49.9	82.8	N/A	N/A	N/A	4822	1945	N/A			
SYRACUSE	0.-5.	15859	201.9	41.4	NO	100.	NO	4605	7929	YES	15859	32594	YES
	5.-10.	11105	47.1	62.1	YES	150.	YES	6226	17671	YES			
	0.-10.	26964	85.8	82.8	N/A	N/A	N/A	6226	13482	N/A			
CHESHIRE	0.-5.	9673	123.2	41.4	NO	100.	NO	3821	4836	YES	9673	19736	YES
	5.-10.	32914	139.7	62.1	NO	150.	YES	9125	17671	YES			
	0.-10.	42587	135.6	82.8	N/A	N/A	N/A	9125	21293	N/A			
NORTHUP	0.-5.	19758	137.9	41.4	NO	100.	NO	4765	5379	YES	19758	22230	YES
	5.-10.	16494	70.9	62.1	NO	150.	YES	10682	17671	YES			
	0.-10.	27252	86.7	82.8	N/A	N/A	N/A	10682	13626	N/A			
SWAN CREEK	0.-5.	3918	49.9	41.4	NO	100.	YES	1679	3927	YES	3918	8079	YES
	5.-10.	10316	43.8	62.1	YES	150.	YES	2049	17671	YES			
	0.-10.	14234	45.3	82.8	N/A	N/A	N/A	2049	7117	N/A			
ROME	0.-5.	72227	919.6	41.4	NO	100.	NO	23401	35113	YES	72227	149792	YES
	5.-10.	62663	266.0	62.1	NO	150.	NO	63850	31731	NO			
	0.-10.	134390	429.4	82.8	N/A	N/A	N/A	63350	67445	N/A			
CATTELLS LING	0.-5.	63734	311.5	41.4	NO	100.	NO	16725	31857	YES	63734	132196	YES
	5.-10.	127395	542.8	62.1	NO	150.	NO	48917	63942	YES			
	0.-10.	191619	509.9	82.8	N/A	N/A	N/A	48917	95809	N/A			
LA GRANGE	0.-5.	47297	502.2	41.4	NO	100.	NO	12740	23548	YES	47297	98992	YES
	5.-10.	62550	265.9	62.1	NO	150.	NO	45238	31325	NO			
	0.-10.	109247	359.0	82.8	N/A	N/A	N/A	45238	54273	N/A			
GARDET CITY	0.-5.	12755	246.5	41.4	NO	100.	NO	6225	2582	YES	12755	30950	YES
	5.-10.	40995	141.7	62.1	NO	150.	NO	41464	49493	NO			
	0.-10.	193351	319.4	82.8	N/A	N/A	N/A	41464	59175	N/A			

ALTER VALLEY REGION

POPULATION IN THE REGION FOR THE YEAR 1970 IS 34701 DENSITY FOR THE REGION IS 19.5

SITE NAME	DISTANCE MILES	POPULATION SITE	DENSITY SITE	LIMITATION CRITERIA				WORST SECTOR CRITERIA			GROWTH CRITERIA		
				REGIONAL		NRC		POPULATION		MEET YES/NO	POPULATION		MEET YES/NO
				VALUE	MEET YES/NO	VALUE	MEET YES/NO	SITE	0.5 (ALLOWABLE)		YEAR 2030	2 TIMES YR 1970	MEET YES/NO
AV1	0.-5.	0	0.0	9.8	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	0	0.0	14.6	YES	150.	YES	0	17571	YES			
	0.-10.	0	0.0	19.5	N/A	N/A	N/A	0	0	N/A			
AV2	0.-5.	0	0.0	9.8	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	1428	6.1	14.6	YES	150.	YES	1428	17671	YES			
	0.-10.	1428	4.5	19.5	N/A	N/A	N/A	1428	714	N/A			
AV3	0.-5.	0	0.0	9.8	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	329	1.4	14.6	YES	150.	YES	329	17671	YES			
	0.-10.	329	1.0	19.5	N/A	N/A	N/A	329	164	N/A			
AV4	0.-5.	329	4.2	9.8	YES	100.	YES	329	3927	YES	609	908	YES
	5.-10.	0	0.0	14.6	YES	150.	YES	329	17571	YES			
	0.-10.	329	1.0	19.5	N/A	N/A	N/A	329	164	N/A			
AV5	0.-5.	0	0.0	9.8	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	329	1.4	14.6	YES	150.	YES	329	17671	YES			
	0.-10.	329	1.0	19.5	N/A	N/A	N/A	329	164	N/A			

BUCKEYE REGION

POPULATION IN THE REGION FOR THE YEAR 1970 IS 59314 DENSITY FOR THE REGION IS 22.5

SITE NAME	DISTANCE MILES	POPULATION SITE	DENSITY SITE	LIMITATION CRITERIA REGIONAL				WORST SECTOR CRITERIA POPULATION				GROWTH CRITERIA POPULATION		
				VALUE	MEET YES/NO	VALUE	MEET YES/NO	SITE	0.5 (ALLOWABLE)	MEET YES/NO		YEAR 2030	2 TIMES YR 1990	MEET YES/NO
H01	0.-5.	746	9.5	11.2	YES	100.	YES	746	3927	YES		1307	1872	YES
	5.-10.	0	0.0	16.8	YES	150.	YES	746	17671	YES				
	0.-10.	746	2.4	22.5	N/A	N/A	N/A	746	373	N/A				
H02	0.-5.	0	0.0	11.2	YES	100.	YES	0	3927	YES		0	0	YES
	5.-10.	746	3.2	16.8	YES	150.	YES	746	17671	YES				
	0.-10.	746	2.4	22.5	N/A	N/A	N/A	746	373	N/A				
H03	0.-5.	0	0.0	11.2	YES	100.	YES	0	3927	YES		0	0	YES
	5.-10.	0	0.0	16.8	YES	150.	YES	0	17671	YES				
	0.-10.	0	0.0	22.5	N/A	N/A	N/A	0	0	N/A				
H04	0.-5.	0	0.0	11.2	YES	100.	YES	0	3927	YES		0	0	YES
	5.-10.	0	0.0	16.8	YES	150.	YES	0	17671	YES				
	0.-10.	0	0.0	22.5	N/A	N/A	N/A	0	0	N/A				
H05	0.-5.	0	0.0	11.2	YES	100.	YES	0	3927	YES		0	0	YES
	5.-10.	0	0.0	16.8	YES	150.	YES	0	17671	YES				
	0.-10.	0	0.0	22.5	N/A	N/A	N/A	0	0	N/A				
H06	0.-5.	783	10.0	11.2	YES	100.	YES	783	3927	YES		2037	2556	YES
	5.-10.	596	2.5	16.8	YES	150.	YES	783	17671	YES				
	0.-10.	1379	4.4	22.5	N/A	N/A	N/A	783	689	N/A				
H07	0.-5.	436	5.6	11.2	YES	100.	YES	301	3927	YES		1135	1426	YES
	5.-10.	1723	7.3	16.8	YES	150.	YES	953	17671	YES				
	0.-10.	2159	6.9	22.5	N/A	N/A	N/A	953	1079	N/A				
H08	0.-5.	0	0.0	11.2	YES	100.	YES	0	3927	YES		0	0	YES
	5.-10.	5219	22.2	16.8	NO	150.	YES	4238	17671	YES				
	0.-10.	5219	16.6	22.5	N/A	N/A	N/A	4238	2609	N/A				
H09	0.-5.	3594	45.8	11.2	NO	100.	YES	1830	3927	YES		9352	11734	YES
	5.-10.	2158	9.2	16.8	YES	150.	YES	2609	17671	YES				
	0.-10.	5762	18.3	22.5	N/A	N/A	N/A	2609	2981	N/A				

LOWER COLORADO REGION

POPULATION IN THE REGION FOR THE YEAR 1970 IS 75558 DENSITY FOR THE REGION IS

3.6

SITE NAME	DISTANCE MILES	POPULATION SITE	DENSITY SITE	LIMITATION CRITERIA				WORST SECTOR CRITERIA			GROWTH CRITERIA		
				REGIONAL		MRC		POPULATION		POPULATION		POPULATION	
				VALUE	MEET YES/NO	VALUE	MEET YES/NO	SITE	0.5 (ALLOWABLE)	MEET YES/NO	YEAR 2030	2 TIMES YR 1990	MEET YES/NO
LC1	0.-5.	0	0.0	4.3	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	0	0.0	6.4	YES	150.	YES	0	17671	YES			
	0.-10.	0	0.0	8.6	N/A	N/A	N/A	0	0	N/A			
LC2	0.-5.	0	0.0	4.3	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	0	0.0	6.4	YES	150.	YES	0	17671	YES			
	0.-10.	0	0.0	8.6	N/A	N/A	N/A	0	0	N/A			
LC3	0.-5.	0	0.0	4.3	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	0	0.0	6.4	YES	150.	YES	0	17671	YES			
	0.-10.	0	0.0	8.6	N/A	N/A	N/A	0	0	N/A			
LC4	0.-5.	0	0.0	4.3	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	6632	28.1	6.4	NO	150.	YES	4093	17671	YES			
	0.-10.	6632	21.1	8.6	N/A	N/A	N/A	4093	3316	N/A			
LC5	0.-5.	0	0.0	4.3	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	0	0.0	6.4	YES	150.	YES	0	17671	YES			
	0.-10.	0	0.0	8.6	N/A	N/A	N/A	0	0	N/A			
LC6	0.-5.	0	0.0	4.3	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	3811	16.2	6.4	NO	150.	YES	2492	17671	YES			
	0.-10.	3811	12.1	8.6	N/A	N/A	N/A	2492	1905	N/A			
LC7	0.-5.	0	0.0	4.3	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	467	2.0	6.4	YES	150.	YES	467	17671	YES			
	0.-10.	467	1.5	8.6	N/A	N/A	N/A	467	233	N/A			
LC8	0.-5.	124	1.6	4.3	YES	100.	YES	124	3927	YES	146	262	YES
	5.-10.	0	0.0	6.4	YES	150.	YES	124	17671	YES			
	0.-10.	124	0.4	8.6	N/A	N/A	N/A	124	62	N/A			
LC9	0.-5.	0	0.0	4.3	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	246	1.0	6.4	YES	150.	YES	152	17671	YES			
	0.-10.	246	0.8	8.6	N/A	N/A	N/A	152	123	N/A			
LC10	0.-5.	0	0.0	4.3	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	0	0.0	6.4	YES	150.	YES	0	17671	YES			
	0.-10.	0	0.0	8.6	N/A	N/A	N/A	0	0	N/A			
LC11	0.-5.	0	0.0	4.3	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	0	0.0	6.4	YES	150.	YES	0	17671	YES			
	0.-10.	0	0.0	8.6	N/A	N/A	N/A	0	0	N/A			
LC12	0.-5.	0	0.0	4.3	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	0	0.0	6.4	YES	150.	YES	0	17671	YES			
	0.-10.	0	0.0	8.6	N/A	N/A	N/A	0	0	N/A			
LC13	0.-5.	0	0.0	4.3	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	0	0.0	6.4	YES	150.	YES	0	17671	YES			
	0.-10.	0	0.0	8.6	N/A	N/A	N/A	0	0	N/A			

ALTER VALLEY REGION

POPULATION IN THE REGION FOR THE YEAR 1990 IS 47858 DENSITY FOR THE REGION IS 26.9

SITE NAME	DISTANCE MILES	POPULATION SITE	DENSITY SITE	LIMITATION CRITERIA REGIONAL				NIC				Worst Sector Criteria POPULATION			Growth Criteria POPULATION		
				VALUE	MEET YES/NO	VALUE	MEET YES/NO	SITE	0.5 (ALLOWABLE)	MEET YES/NO	YEAR 2030	2 TIMES YR 1990	MEET YES/NO				
AV1	0.-5.	0	0.0	13.5	YES	100.	YES	0	3927	YES	0	0	YES				
	5.-10.	0	0.0	20.2	YES	150.	YES	0	17671	YES							
	0.-10.	0	0.0	26.9	N/A	N/A	N/A	0	0	N/A							
AV2	0.-5.	0	0.0	13.5	YES	100.	YES	0	3927	YES	0	0	YES				
	5.-10.	1970	3.4	20.2	YES	150.	YES	1970	17671	YES							
	0.-10.	1970	6.3	26.9	N/A	N/A	N/A	1970	985	N/A							
AV3	0.-5.	0	0.0	13.5	YES	100.	YES	0	3927	YES	0	0	YES				
	5.-10.	454	1.9	20.2	YES	150.	YES	454	17671	YES							
	0.-10.	454	1.4	26.9	N/A	N/A	N/A	454	227	N/A							
AV4	0.-5.	454	5.8	13.5	YES	100.	YES	454	3927	YES	699	908	YES				
	5.-10.	0	0.0	20.2	YES	150.	YES	454	17671	YES							
	0.-10.	454	1.4	26.9	N/A	N/A	N/A	454	227	N/A							
AV5	0.-5.	0	0.0	13.5	YES	100.	YES	0	3927	YES	0	0	YES				
	5.-10.	454	1.9	20.2	YES	150.	YES	454	17671	YES							
	0.-10.	454	1.4	26.9	N/A	N/A	N/A	454	227	N/A							

BUCKEYE REGION

POPULATION IN THE REGION FOR THE YEAR 1990 IS 91847 DENSITY FOR THE REGION IS 34.8

SITE NAME	DISTANCE MILES	POPULATION SITE	DENSITY SITE	LIMITATION CRITERIA REGIONAL		NRC		WORST SECTOR CRITERIA POPULATION			GROWTH CRITERIA POPULATION		
				VALUE	MEET YES/NO	VALUE	MEET YES/NO	SITE	0.5 (ALLOWABLE)	MEET YES/NO	YEAR 2030	2 TIMES YR 1990	MEET YES/NO
HJ1	0.-5.	936	11.9	17.4	YES	100.	YES	936	3927	YES	1307	1872	YES
	5.-10.	0	0.0	26.1	YES	150.	YES	936	11671	YES			
	0.-10.	936	3.0	34.8	N/A	N/A	N/A	936	468	N/A			
HJ2	0.-5.	0	0.0	17.4	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	936	4.0	26.1	YES	150.	YES	936	11671	YES			
	0.-10.	936	3.0	34.8	N/A	N/A	N/A	936	468	N/A			
HJ3	0.-5.	0	0.0	17.4	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	0	0.0	26.1	YES	150.	YES	0	11671	YES			
	0.-10.	0	0.0	34.8	N/A	N/A	N/A	0	0	N/A			
HJ4	0.-5.	0	0.0	17.4	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	0	0.0	26.1	YES	150.	YES	0	11671	YES			
	0.-10.	0	0.0	34.8	N/A	N/A	N/A	0	0	N/A			
HJ5	0.-5.	0	0.0	17.4	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	0	0.0	26.1	YES	150.	YES	0	11671	YES			
	0.-10.	0	0.0	34.8	N/A	N/A	N/A	0	0	N/A			
HJ6	0.-5.	1278	15.3	17.4	YES	100.	YES	1278	3927	YES	2037	2556	YES
	5.-10.	273	4.1	26.1	YES	150.	YES	1278	11671	YES			
	0.-10.	2251	7.2	34.8	N/A	N/A	N/A	1278	1125	N/A			
HJ7	0.-5.	713	2.1	17.4	YES	100.	YES	492	3927	YES	1135	1426	YES
	5.-10.	2812	11.9	26.1	YES	150.	YES	1556	11671	YES			
	0.-10.	3525	11.2	34.8	N/A	N/A	N/A	1556	1162	N/A			
HJ8	0.-5.	0	0.0	17.4	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	8519	36.2	26.1	NO	150.	YES	6918	11671	YES			
	0.-10.	3519	27.1	34.8	N/A	N/A	N/A	6213	4259	N/A			
HJ9	0.-5.	5367	14.7	17.4	NO	100.	YES	2287	3927	YES	2352	11734	YES
	5.-10.	3539	15.0	26.1	YES	150.	YES	4259	11671	YES			
	0.-10.	9406	29.9	34.8	N/A	N/A	N/A	4259	4703	N/A			

LOWER COLORADO REGION

POPULATION IN THE REGION FOR THE YEAR 1990 IS 92392 DENSITY FOR THE REGION IS 11.1

SITE NAME	DISTANCE MILES	POPULATION SITE	DENSITY SITE	LIMITATION CRITERIA REGIONAL				WORST SECTOR CRITERIA POPULATION			GROWTH CRITERIA POPULATION		
				VALUE	MEET YES/NO	VALUE	MEET YES/NO	SITE	0.5 (ALLOWABLE)	MEET YES/NO	YEAR 2010	2 TIMES YR 1990	MEET YES/NO
LC1	0.-5.	0	0.0	5.6	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	0	0.0	8.3	YES	150.	YES	0	17671	YES			
	0.-10.	0	0.0	11.1	N/A	N/A	N/A	0	0	N/A			
LC2	0.-5.	0	0.0	5.6	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	0	0.0	8.3	YES	150.	YES	0	17671	YES			
	0.-10.	0	0.0	11.1	N/A	N/A	N/A	0	0	N/A			
LC3	0.-5.	0	0.0	5.6	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	0	0.0	8.3	YES	150.	YES	0	17671	YES			
	0.-10.	0	0.0	11.1	N/A	N/A	N/A	0	0	N/A			
LC4	0.-5.	0	0.0	5.6	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	6993	29.7	8.3	NO	150.	YES	4316	17571	YES			
	0.-10.	6993	22.3	11.1	N/A	N/A	N/A	4316	3496	N/A			
LC5	0.-5.	0	0.0	5.6	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	0	0.0	8.3	YES	150.	YES	0	17671	YES			
	0.-10.	0	0.0	11.1	N/A	N/A	N/A	0	0	N/A			
LC6	0.-5.	0	0.0	5.6	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	4019	17.1	8.3	NO	150.	YES	2628	17571	YES			
	0.-10.	4019	12.8	11.1	N/A	N/A	N/A	2628	2009	N/A			
LC7	0.-5.	0	0.0	5.6	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	492	2.1	8.3	YES	150.	YES	492	17671	YES			
	0.-10.	492	1.6	11.1	N/A	N/A	N/A	492	246	N/A			
LC8	0.-5.	131	1.7	5.6	YES	100.	YES	131	3927	YES	146	262	YES
	5.-10.	0	0.0	8.3	YES	150.	YES	131	17671	YES			
	0.-10.	131	0.4	11.1	N/A	N/A	N/A	131	65	N/A			
LC9	0.-5.	0	0.0	5.6	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	259	1.1	8.3	YES	150.	YES	160	17671	YES			
	0.-10.	259	0.8	11.1	N/A	N/A	N/A	160	129	N/A			
LC10	0.-5.	0	0.0	5.6	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	0	0.0	8.3	YES	150.	YES	0	17671	YES			
	0.-10.	0	0.0	11.1	N/A	N/A	N/A	0	0	N/A			
LC11	0.-5.	0	0.0	5.6	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	0	0.0	8.3	YES	150.	YES	0	17671	YES			
	0.-10.	0	0.0	11.1	N/A	N/A	N/A	0	0	N/A			
LC12	0.-5.	0	0.0	5.6	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	0	0.0	8.3	YES	150.	YES	0	17671	YES			
	0.-10.	0	0.0	11.1	N/A	N/A	N/A	0	0	N/A			
LC13	0.-5.	0	0.0	5.6	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	0	0.0	8.3	YES	150.	YES	0	17671	YES			
	0.-10.	0	0.0	11.1	N/A	N/A	N/A	0	0	N/A			

ALTER VALLEY REGION

POPULATION IN THE REGION FOR THE YEAR 2030 IS 64181 DENSITY FOR THE REGION IS 36.1

SITE NAME	DISTANCE MILES	POPULATION SITE	DENSITY SITE	LIMITATION REGIONAL		CRITERIA MPC		WORST SECTOR CRITERIA POPULATION			GROWTH CRITERIA POPULATION		
				VALUE	MEET YES/NO	VALUE	MEET YES/NO	SITE	0.5 (ALLOWABLE)	MEET YES/NO	YEAR 2030	2 TIMES YR 1990	MEET YES/NO
AV1	0.-5.	0	0.0	18.0	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	0	0.0	27.1	YES	150.	YES	0	17671	YES			
	0.-10.	0	0.0	36.1	N/A	N/A	N/A	0	0	N/A			
AV2	0.-5.	0	0.0	18.0	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	2641	11.2	27.1	YES	150.	YES	2641	17671	YES			
	0.-10.	2641	8.4	36.1	N/A	N/A	N/A	2641	1320	N/A			
AV3	0.-5.	0	0.0	18.0	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	609	2.6	27.1	YES	150.	YES	609	17671	YES			
	0.-10.	609	1.9	36.1	N/A	N/A	N/A	609	304	N/A			
AV4	0.-5.	609	7.8	18.0	YES	100.	YES	609	3927	YES	609	908	YES
	5.-10.	0	0.0	27.1	YES	150.	YES	609	17671	YES			
	0.-10.	609	1.9	36.1	N/A	N/A	N/A	609	304	N/A			
AV5	0.-5.	0	0.0	18.0	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	609	2.6	27.1	YES	150.	YES	609	17671	YES			
	0.-10.	609	1.9	36.1	N/A	N/A	N/A	609	304	N/A			

BUCKEYE REGION

POPULATION IN THE REGION FOR THE YEAR 2030 IS 143122 DENSITY FOR THE REGION IS 54.2

SITE NAME	DISTANCE MILES	POPULATION SITE	DENSITY SITE	LIMITATION CRITERIA REGIONAL				WORST SECTOR CRITERIA POPULATION			GROWTH CRITERIA POPULATION		
				VALUE	MEET YES/NO	VALUE	MEET YES/NO	SITE	0.5 (ALLOWABLE)	MEET YES/NO	YEAR 2030	2 TIMES YR 1990	MEET YES/NO
HJ1	0.-5.	1307	16.6	27.1	YES	100.	YES	1307	3927	YES	1307	1872	YES
	5.-10.	0	0.0	40.7	YES	150.	YES	1307	17671	YES			
	0.-10.	1307	4.2	54.2	N/A	N/A	N/A	1307	653	N/A			
HJ2	0.-5.	0	3.0	27.1	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	1307	5.5	40.7	YES	150.	YES	1307	17671	YES			
	0.-10.	1307	4.2	54.2	N/A	N/A	N/A	1307	653	N/A			
HJ3	0.-5.	0	0.0	27.1	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	0	0.0	40.7	YES	150.	YES	0	17671	YES			
	0.-10.	0	0.0	54.2	N/A	N/A	N/A	0	0	N/A			
HJ4	0.-5.	0	3.0	27.1	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	0	3.0	40.7	YES	150.	YES	0	17671	YES			
	0.-10.	0	0.0	54.2	N/A	N/A	N/A	0	0	N/A			
HJ5	0.-5.	0	0.0	27.1	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	0	0.0	40.7	YES	150.	YES	0	17671	YES			
	0.-10.	0	0.0	54.2	N/A	N/A	N/A	0	0	N/A			
HJ6	0.-5.	2037	25.9	27.1	YES	100.	YES	2037	3927	YES	2037	2556	YES
	5.-10.	1551	6.5	40.7	YES	150.	YES	2037	17671	YES			
	0.-10.	3588	11.4	54.2	N/A	N/A	N/A	2037	1794	N/A			
HJ7	0.-5.	1135	14.5	27.1	YES	100.	YES	783	3927	YES	1135	1426	YES
	5.-10.	4483	19.0	40.7	YES	150.	YES	2480	17671	YES			
	0.-10.	5618	17.9	54.2	N/A	N/A	N/A	2480	2309	N/A			
HJ8	0.-5.	0	0.0	27.1	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	13581	57.5	40.7	NO	150.	YES	11028	17671	YES			
	0.-10.	13581	43.2	54.2	N/A	N/A	N/A	11028	6190	N/A			
HJ9	0.-5.	9352	119.1	27.1	NO	100.	NO	4762	4576	NO	9352	11734	YES
	5.-10.	5641	23.9	40.7	YES	150.	YES	6789	17671	YES			
	0.-10.	14993	47.7	54.2	N/A	N/A	N/A	6789	7496	N/A			

LOWER COLORADO REGION

POPULATION IN THE REGION FOR THE YEAR 2030 IS 139476 DENSITY FOR THE REGION IS 15.6

SITE NAME	DISTANCE MILES	POPULATION SITE	DENSITY SITE	LIMITATION CRITERIA REGIONAL				WORST SECTOR CRITERIA POPULATION				GROWTH CRITERIA POPULATION		
				VALUE	MEET YES/NO	VALUE	MEET YES/NO	SITE	0.5 (ALLOWABLE)	MEET YES/NO		YEAR 2030	2 TIMES YR 1990	MEET YES/NO
LC1	0.-5.	0	0.0	7.8	YES	100.	YES	0	3927	YES		0	0	YES
	5.-10.	0	0.0	11.7	YES	150.	YES	0	17671	YES				
	0.-10.	0	0.0	15.6	N/A	N/A	N/A	0	0	N/A				
LC2	0.-5.	0	0.0	7.8	YES	100.	YES	0	3927	YES		0	0	YES
	5.-10.	0	0.0	11.7	YES	150.	YES	0	17671	YES				
	0.-10.	0	0.0	15.6	N/A	N/A	N/A	0	0	N/A				
LC3	0.-5.	0	0.0	7.8	YES	100.	YES	0	3927	YES		0	0	YES
	5.-10.	0	0.0	11.7	YES	150.	YES	0	17671	YES				
	0.-10.	0	0.0	15.6	N/A	N/A	N/A	0	0	N/A				
LC4	0.-5.	0	0.0	7.8	YES	100.	YES	0	3927	YES		0	0	YES
	5.-10.	1139	33.1	11.7	NO	150.	YES	4807	17671	YES				
	0.-10.	1139	24.8	15.6	N/A	N/A	N/A	4807	3994	N/A				
LC5	0.-5.	0	0.0	7.8	YES	100.	YES	0	3927	YES		0	0	YES
	5.-10.	0	0.0	11.7	YES	150.	YES	0	17671	YES				
	0.-10.	0	0.0	15.6	N/A	N/A	N/A	0	0	N/A				
LC6	0.-5.	0	0.0	7.8	YES	100.	YES	0	3927	YES		0	0	YES
	5.-10.	4476	12.0	11.7	NO	150.	YES	2927	17671	YES				
	0.-10.	4476	14.2	15.6	N/A	N/A	N/A	2927	2238	N/A				
LC7	0.-5.	0	0.0	7.8	YES	100.	YES	0	3927	YES		0	0	YES
	5.-10.	548	2.3	11.7	YES	150.	YES	548	17671	YES				
	0.-10.	548	1.7	15.6	N/A	N/A	N/A	548	214	N/A				
LC8	0.-5.	146	1.9	7.8	YES	100.	YES	146	3927	YES		146	262	YES
	5.-10.	0	0.0	11.7	YES	150.	YES	146	17671	YES				
	0.-10.	146	0.5	15.6	N/A	N/A	N/A	146	73	N/A				
LC9	0.-5.	0	0.0	7.8	YES	100.	YES	0	3927	YES		0	0	YES
	5.-10.	289	1.2	11.7	YES	150.	YES	179	17671	YES				
	0.-10.	239	0.9	15.6	N/A	N/A	N/A	179	144	N/A				
LC10	0.-5.	0	0.0	7.8	YES	100.	YES	0	3927	YES		0	0	YES
	5.-10.	0	0.0	11.7	YES	150.	YES	0	17671	YES				
	0.-10.	0	0.0	15.6	N/A	N/A	N/A	0	0	N/A				
LC11	0.-5.	0	0.0	7.8	YES	100.	YES	0	3927	YES		0	0	YES
	5.-10.	0	0.0	11.7	YES	150.	YES	0	17671	YES				
	0.-10.	0	0.0	15.6	N/A	N/A	N/A	0	0	N/A				
LC12	0.-5.	0	0.0	7.8	YES	100.	YES	0	3927	YES		0	0	YES
	5.-10.	0	0.0	11.7	YES	150.	YES	0	17671	YES				
	0.-10.	0	0.0	15.6	N/A	N/A	N/A	0	0	N/A				
LC13	0.-5.	0	0.0	7.8	YES	100.	YES	0	3927	YES		0	0	YES
	5.-10.	0	0.0	11.7	YES	150.	YES	0	17671	YES				
	0.-10.	0	0.0	15.6	N/A	N/A	N/A	0	0	N/A				

STRAIT JUAN DE FUCA REGION

POPULATION IN THE REGION FOR THE YEAR 1970 IS 69821 DENSITY FOR THE REGION IS 40.1

SITE NAME	DISTANCE MILES	POPULATION SITE	DENSITY SITE	LIMITATION CRITERIA				WORST SECTOR CRITERIA			GROWTH CRITERIA		
				REGIONAL VALUE	MEET YES/NO	REGIONAL VALUE	MEET YES/NO	POPULATION SITE	0.5 (ALLOWABLE)	MEET YES/NO	YEAR 2030	2 TIMES YR 1990	MEET YES/NO
SDF1	0.-5.	1113	14.2	20.1	YES	100.	YES	159	3927	YES	1513	2520	YES
	5.-10.	0	0.0	30.1	YES	150.	YES	159	17671	YES			
	0.-10.	1113	3.5	40.1	N/A	N/A	N/A	159	556	N/A			
SDF2	0.-5.	0	0.0	20.1	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	27	0.1	30.1	YES	150.	YES	27	17671	YES			
	0.-10.	27	0.1	40.1	N/A	N/A	N/A	27	13	N/A			
SDF3	0.-5.	878	11.2	20.1	YES	100.	YES	878	3927	YES	1241	1988	YES
	5.-10.	0	0.0	30.1	YES	150.	YES	878	17671	YES			
	0.-10.	878	2.8	40.1	N/A	N/A	N/A	878	439	N/A			
SDF4	0.-5.	0	0.0	20.1	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	2385	10.1	30.1	YES	150.	YES	1507	17671	YES			
	0.-10.	2385	1.6	40.1	N/A	N/A	N/A	1507	1192	N/A			
SDF5	0.-5.	0	0.0	20.1	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	0	0.0	30.1	YES	150.	YES	0	17671	YES			
	0.-10.	0	0.0	40.1	N/A	N/A	N/A	0	0	N/A			
SDF6	0.-5.	940	12.0	20.1	YES	100.	YES	940	3927	YES	1329	2128	YES
	5.-10.	11911	15.1	30.1	NO	150.	YES	11349	17671	YES			
	0.-10.	11911	60.2	40.1	N/A	N/A	N/A	11849	9458	N/A			
SDF7	0.-5.	20650	262.9	20.1	NO	100.	NO	5243	10125	YES	29199	46746	YES
	5.-10.	1656	1.0	30.1	YES	150.	YES	6170	17671	YES			
	0.-10.	22306	11.0	40.1	N/A	N/A	N/A	6170	11153	N/A			
SDF8	0.-5.	3896	49.6	20.1	NO	100.	YES	2997	3927	YES	5508	8920	YES
	5.-10.	5166	21.9	30.1	YES	150.	YES	4523	17671	YES			
	0.-10.	9062	28.8	40.1	N/A	N/A	N/A	4523	4531	N/A			
SDF9	0.-5.	0	0.0	20.1	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	9982	42.4	30.1	NO	150.	YES	2762	17671	YES			
	0.-10.	9982	31.8	40.1	N/A	N/A	N/A	2762	4991	N/A			
SDF10	0.-5.	492	6.3	20.1	YES	100.	YES	492	3927	YES	676	1114	YES
	5.-10.	8190	34.4	30.1	NO	150.	YES	4489	17671	YES			
	0.-10.	8592	27.3	40.1	N/A	N/A	N/A	4489	4296	N/A			
H001	0.-5.	131	10.0	20.1	YES	100.	YES	131	3927	YES	1113	1780	YES
	5.-10.	5284	22.4	30.1	YES	150.	YES	1314	17671	YES			
	0.-10.	6071	19.3	40.1	N/A	N/A	N/A	1314	1035	N/A			
H002	0.-5.	1131	14.4	20.1	YES	100.	YES	997	3927	YES	1602	2564	YES
	5.-10.	1649	1.0	30.1	YES	150.	YES	1314	17671	YES			
	0.-10.	2773	8.8	40.1	N/A	N/A	N/A	1314	1386	N/A			

HOOD CANAL REGION

POPULATION IN THE REGION FOR THE YEAR 1970 IS 100856 DENSITY FOR THE REGION IS 37.8

SITE NAME	DISTANCE MILES	POPULATION SITE	DENSITY SITE	LIMITATION REGIONAL		CRITERIA MRC		WORST SECTOR CRITERIA POPULATION			GROWTH CRITERIA POPULATION		
				VALUE	MEET YES/NO	VALUE	MEET YES/NO	SITE	0.5 (ALLOWABLE)	MEET YES/NO	YEAR 2010	2 TIMES YR 1990	MEET YES/NO
SDF10	0.-5.	492	6.3	18.9	YES	100.	YES	492	3927	YES	696	1114	YES
	5.-10.	8100	34.4	28.4	NO	150.	YES	4489	17671	YES			
	0.-10.	8592	27.3	37.8	N/A	N/A	N/A	4489	4296	N/A			
HOD1	0.-5.	787	19.0	18.9	YES	100.	YES	731	3927	YES	1113	1780	YES
	5.-10.	5284	22.4	28.4	YES	150.	YES	1314	17671	YES			
	0.-10.	6071	19.3	37.8	N/A	N/A	N/A	1314	3935	N/A			
HOD2	0.-5.	1133	14.4	18.9	YES	100.	YES	997	3927	YES	1692	2564	YES
	5.-10.	1640	7.0	28.4	YES	150.	YES	1314	17671	YES			
	0.-10.	2773	8.9	37.8	N/A	N/A	N/A	1314	1386	N/A			
HOD3	0.-5.	0	0.0	18.9	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	5712	24.2	28.4	YES	150.	YES	2422	17671	YES			
	0.-10.	5712	13.2	37.8	N/A	N/A	N/A	2422	2456	N/A			
HOD4	0.-5.	232	3.0	18.9	YES	100.	YES	232	3927	YES	328	526	YES
	5.-10.	7626	32.4	28.4	NO	150.	YES	3248	17671	YES			
	0.-10.	7858	25.0	37.8	N/A	N/A	N/A	3248	3929	N/A			
HOD5	0.-5.	197	2.5	18.9	YES	100.	YES	197	3927	YES	279	446	YES
	5.-10.	2770	11.8	28.4	YES	150.	YES	747	17671	YES			
	0.-10.	2967	9.4	37.8	N/A	N/A	N/A	747	1483	N/A			
HOD7	0.-5.	247	3.1	18.9	YES	100.	YES	247	3927	YES	349	560	YES
	5.-10.	6053	25.7	28.4	YES	150.	YES	3248	17671	YES			
	0.-10.	6300	20.1	37.8	N/A	N/A	N/A	3248	3150	N/A			

SKAGIT RIVER REGION

POPULATION IN THE REGION FOR THE YEAR 1970 IS 195039 DENSITY FOR THE REGION IS 33.5

SITE NAME	DISTANCE MILES	POPULATION SITE	DENSITY SITE	LIMITATION CRITERIA				WORST SECTOR CRITERIA			GROWTH CRITERIA		
				REGIONAL VALUE	MEET YES/NO	REGIONAL VALUE	MEET YES/NO	SITE	0.5 (ALLOWABLE)	MEET YES/NO	YEAR 2010	2 TIMES YR 1990	MEET YES/NO
SKR1	0.-5.	2574	34.0	16.7	NO	100.	YES	932	3927	YES	3792	6052	YES
	5.-10.	31754	134.8	25.1	NO	150.	YES	10568	17671	YES			
	0.-10.	34428	109.6	33.5	N/A	N/A	N/A	10568	17214	N/A			
SKR2	0.-5.	23401	294.0	16.7	NO	100.	NO	6983	11700	YES	33088	52972	YES
	5.-10.	13418	56.9	25.1	NO	150.	YES	7986	17671	YES			
	0.-10.	36819	117.2	33.5	N/A	N/A	N/A	7986	18409	N/A			
SKR3	0.-5.	2597	33.1	16.7	NO	100.	YES	1151	3927	YES	3671	5880	YES
	5.-10.	11573	49.1	25.1	NO	150.	YES	6254	17571	YES			
	0.-10.	14170	45.1	33.5	N/A	N/A	N/A	6254	7085	N/A			
SKR4	0.-5.	601	7.7	16.7	YES	100.	YES	601	3927	YES	850	1360	YES
	5.-10.	2048	8.7	25.1	YES	150.	YES	1151	17671	YES			
	0.-10.	2649	8.4	33.5	N/A	N/A	N/A	1151	1324	N/A			
SKR5	0.-5.	573	7.3	16.7	YES	100.	YES	573	3927	YES	810	1298	YES
	5.-10.	601	2.6	25.1	YES	150.	YES	601	17671	YES			
	0.-10.	1174	3.7	33.5	N/A	N/A	N/A	601	587	N/A			
SKR6	0.-5.	0	0.0	16.7	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	1174	5.0	25.1	YES	150.	YES	601	17671	YES			
	0.-10.	1174	3.7	33.5	N/A	N/A	N/A	601	587	N/A			
SMT	0.-5.	0	0.0	16.7	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	313	1.3	25.1	YES	150.	YES	313	17671	YES			
	0.-10.	313	1.0	33.5	N/A	N/A	N/A	313	156	N/A			

COWLITZ RIVER REGION

POPULATION IN THE REGION FOR THE YEAR 1970 IS 31472 DENSITY FOR THE REGION IS 23.4

SITE NAME	DISTANCE MILES	POPULATION SITE	DENSITY SITE	LIMITATION CRITERIA REGIONAL NRC				WORST SECTOR CRITERIA POPULATION			GROWTH CRITERIA POPULATION		
				VALUE	MEET	VALUE	MEET	SITE	0.5 (ALLOWABLE)	MEET	YEAR 2030	2 TIMES YR 1990	MEET
					YES/NO		YES/NO			YES/NO			YES/NO
CON1	0.-5.	20199	254.2	11.7	NO	100.	NO	7211	19399	YES	32387	50852	YES
	5.-10.	38352	164.9	17.6	NO	150.	NO	24609	19426	NO			
	0.-10.	59051	188.0	23.4	N/A	N/A	N/A	24609	29525	N/A			
CON2	0.-5.	16242	206.8	11.7	NO	100.	NO	4563	8121	YES	26042	40890	YES
	5.-10.	46384	196.9	17.6	NO	150.	NO	25186	23192	NO			
	0.-10.	62626	199.3	23.4	N/A	N/A	N/A	25186	31313	N/A			
CON3	0.-5.	1170	14.9	11.7	NO	100.	YES	783	3927	YES	1875	2945	YES
	5.-10.	9294	39.4	17.6	NO	150.	YES	2289	17671	YES			
	0.-10.	10464	33.3	23.4	N/A	N/A	N/A	2289	5232	N/A			
CON4	0.-5.	3232	41.2	11.7	NO	100.	YES	1083	3927	YES	5182	8136	YES
	5.-10.	5992	25.4	17.6	NO	150.	YES	1709	17671	YES			
	0.-10.	9224	29.4	23.4	N/A	N/A	N/A	1709	4612	N/A			
CON5	0.-5.	1408	17.9	11.7	NO	100.	YES	814	3927	YES	2257	3546	YES
	5.-10.	2639	11.2	17.6	YES	150.	YES	1134	17671	YES			
	0.-10.	4047	12.9	23.4	N/A	N/A	N/A	1134	2023	N/A			
CON6	0.-5.	2368	36.5	11.7	NO	100.	YES	965	3927	YES	4598	7222	YES
	5.-10.	1408	6.0	17.6	YES	150.	YES	965	17671	YES			
	0.-10.	4276	13.6	23.4	N/A	N/A	N/A	965	2138	N/A			
CON7	0.-5.	0	0.0	11.7	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	965	4.1	17.6	YES	150.	YES	965	17671	YES			
	0.-10.	965	3.1	23.4	N/A	N/A	N/A	965	482	N/A			
CON8	0.-5.	0	0.0	11.7	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	0	0.0	17.6	YES	150.	YES	0	17671	YES			
	0.-10.	0	0.0	23.4	N/A	N/A	N/A	0	0	N/A			
CON9	0.-5.	1060	13.5	11.7	NO	100.	YES	1060	3927	YES	1700	2668	YES
	5.-10.	1614	6.9	17.6	YES	150.	YES	1614	17671	YES			
	0.-10.	2574	8.5	23.4	N/A	N/A	N/A	1614	1337	N/A			
CON10	0.-5.	0	0.0	11.7	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	1629	6.9	17.6	YES	150.	YES	1614	17671	YES			
	0.-10.	1629	5.2	23.4	N/A	N/A	N/A	1614	314	N/A			

COLUMBIA RIVER REGION

POPULATION IN THE REGION FOR THE YEAR 1970 IS 81624 DENSITY FOR THE REGION IS 13.8

SITE NAME	DISTANCE MILES	POPULATION SITE	DENSITY SITE	LIMITATION CRITERIA				WORST SECTOR CRITERIA				GROWTH CRITERIA		
				REGIONAL		NRC		POPULATION				POPULATION		
				VALUE	MEET YES/NO	VALUE	MEET YES/NO	SITE	0.5 (ALLOWABLE)	MEET YES/NO		YEAR 2030	2 TIMES YR 1990	MEET YES/NO
COL1	0.-5.	19567	250.4	6.9	NO	100.	NO	3270	9833	YES		23729	44884	YES
	5.-10.	29535	125.4	10.3	NO	150.	YES	16082	17671	YES				
	0.-10.	49292	155.5	13.8	N/A	N/A	N/A	16082	24501	N/A				
COL2	0.-5.	34898	444.3	6.9	NO	100.	NO	11498	17449	YES		41656	79042	YES
	5.-10.	41002	174.0	10.3	NO	150.	NO	20739	20501	NO				
	0.-10.	75900	241.6	13.8	N/A	N/A	N/A	20739	37950	N/A				
COL3	0.-5.	6556	83.5	6.9	NO	100.	YES	6548	3927	NO		8246	15418	YES
	5.-10.	24634	104.5	10.3	NO	150.	YES	24066	17671	NO				
	0.-10.	31120	92.3	13.8	N/A	N/A	N/A	24066	15595	N/A				
COL4	0.-5.	0	0.0	6.9	YES	100.	YES	0	3927	YES		0	0	YES
	5.-10.	2862	12.1	10.3	NO	150.	YES	1461	17671	YES				
	0.-10.	2862	9.1	13.8	N/A	N/A	N/A	1461	1431	N/A				
COL5	0.-5.	0	0.0	6.9	YES	100.	YES	0	3927	YES		0	0	YES
	5.-10.	0	0.0	10.3	YES	150.	YES	0	17671	YES				
	0.-10.	0	0.0	13.8	N/A	N/A	N/A	0	0	N/A				
COL6	0.-5.	0	0.0	6.9	YES	100.	YES	0	3927	YES		0	0	YES
	5.-10.	170	0.7	10.3	YES	150.	YES	97	17671	YES				
	0.-10.	170	0.5	13.8	N/A	N/A	N/A	97	85	N/A				
COL7	0.-5.	0	0.0	6.9	YES	100.	YES	0	3927	YES		0	0	YES
	5.-10.	277	1.2	10.3	YES	150.	YES	180	17671	YES				
	0.-10.	277	0.9	13.8	N/A	N/A	N/A	180	138	N/A				
COL8	0.-5.	0	0.0	6.9	YES	100.	YES	0	3927	YES		0	0	YES
	5.-10.	180	0.4	10.3	YES	150.	YES	180	17671	YES				
	0.-10.	180	0.6	13.8	N/A	N/A	N/A	180	90	N/A				
COL9	0.-5.	0	0.0	6.9	YES	100.	YES	0	3927	YES		0	0	YES
	5.-10.	273	1.2	10.3	YES	150.	YES	273	17671	YES				
	0.-10.	273	0.9	13.8	N/A	N/A	N/A	273	136	N/A				
COL10	0.-5.	739	10.0	6.9	NO	100.	YES	789	3927	YES		645	1386	YES
	5.-10.	3510	14.9	10.3	NO	150.	YES	3237	17671	YES				
	0.-10.	4299	13.7	13.8	N/A	N/A	N/A	3237	2149	N/A				
COL11	0.-5.	0	0.0	6.9	YES	100.	YES	0	3927	YES		0	0	YES
	5.-10.	3815	15.2	10.3	NO	150.	YES	1649	17671	YES				
	0.-10.	3815	12.1	13.8	N/A	N/A	N/A	1649	1907	N/A				
COL12	0.-5.	4274	54.4	6.9	NO	100.	YES	1273	3927	YES		3493	7508	YES
	5.-10.	30524	122.5	10.3	NO	150.	YES	20626	17671	NO				
	0.-10.	34798	110.8	13.8	N/A	N/A	N/A	20626	17399	N/A				
COL13	0.-5.	0	0.0	6.9	YES	100.	YES	0	3927	YES		0	0	YES
	5.-10.	4373	14.6	10.3	NO	150.	YES	1373	17671	YES				
	0.-10.	4373	13.2	13.8	N/A	N/A	N/A	1373	2186	N/A				

STRAIT JUAN DE FUCA REGION

POPULATION IN THE REGION FOR THE YEAR 1990 IS 17012 DENSITY FOR THE REGION IS 45.4

SITE NAME	DISTANCE MILES	POPULATION SITE	DENSITY SITE	LIMITATION CRITERIA REGIONAL NRC				WORST SECTOR CRITERIA POPULATION			GROWTH CRITERIA POPULATION		
				VALUE	MEET YES/NO	VALUE	MEET YES/NO	SITE	0.5 (ALLOWABLE)	MEET YES/NO	YEAR 2030	2 TIMES YR 1990	% FEET YES/NO
SDF1	0.-5.	1260	16.0	22.7	YES	100.	YES	959	3927	YES	1573	2520	YES
	5.-10.	0	0.0	34.0	YES	150.	YES	859	17671	YES			
	0.-10.	1260	4.0	45.4	N/A	N/A	N/A	859	630	N/A			
SDF2	0.-5.	0	0.0	22.7	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	31	0.1	34.0	YES	150.	YES	31	17671	YES			
	0.-10.	31	0.1	45.4	N/A	N/A	N/A	31	15	N/A			
SDF3	0.-5.	994	12.7	22.7	YES	100.	YES	994	3927	YES	1241	1988	YES
	5.-10.	0	0.0	34.0	YES	150.	YES	994	17671	YES			
	0.-10.	994	3.2	45.4	N/A	N/A	N/A	994	497	N/A			
SDF4	0.-5.	0	0.0	22.7	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	2700	11.5	34.0	YES	150.	YES	1706	17671	YES			
	0.-10.	2700	8.6	45.4	N/A	N/A	N/A	1706	1350	N/A			
SDF5	0.-5.	0	0.0	22.7	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	0	0.0	34.0	YES	150.	YES	0	17671	YES			
	0.-10.	0	0.0	45.4	N/A	N/A	N/A	0	0	N/A			
SDF6	0.-5.	1064	13.5	22.7	YES	100.	YES	1064	3927	YES	1329	2128	YES
	5.-10.	20347	85.4	34.0	NO	150.	YES	13411	17671	YES			
	0.-10.	21411	63.2	45.4	N/A	N/A	N/A	13411	10705	N/A			
SDF7	0.-5.	23373	297.6	22.7	NO	100.	NO	5935	11686	YES	29199	46746	YES
	5.-10.	1875	8.0	34.0	YES	150.	YES	6984	17671	YES			
	0.-10.	25248	80.4	45.4	N/A	N/A	N/A	6984	12624	N/A			
SDF8	0.-5.	4410	56.1	22.7	NO	100.	YES	3392	3927	YES	5508	8820	YES
	5.-10.	5847	24.8	34.0	YES	150.	YES	5119	17671	YES			
	0.-10.	10257	32.6	45.4	N/A	N/A	N/A	5119	5128	N/A			
SDF9	0.-5.	0	0.0	22.7	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	11298	43.0	34.0	NO	150.	YES	3126	17671	YES			
	0.-10.	11298	36.0	45.4	N/A	N/A	N/A	3126	5649	N/A			
SDF10	0.-5.	557	7.1	22.7	YES	100.	YES	557	3927	YES	676	1114	YES
	5.-10.	9158	38.9	34.0	NO	150.	YES	5082	17671	YES			
	0.-10.	9725	31.0	45.4	N/A	N/A	N/A	5082	4662	N/A			
H001	0.-5.	390	11.3	22.7	YES	100.	YES	327	3927	YES	1113	1730	YES
	5.-10.	5931	25.4	34.0	YES	150.	YES	1487	17671	YES			
	0.-10.	6371	21.9	45.4	N/A	N/A	N/A	1487	3475	N/A			
H012	0.-5.	1242	15.3	22.7	YES	100.	YES	1123	3927	YES	1602	2564	YES
	5.-10.	1395	7.9	34.0	YES	150.	YES	1487	17671	YES			
	0.-10.	3117	13.0	45.4	N/A	N/A	N/A	1487	1568	N/A			

HOND CANAL REGION

POPULATION IN THE REGION FOR THE YEAR 1990 IS 114132 DENSITY FOR THE REGION IS 42.8

SITE NAME	DISTANCE MILES	POPULATION SITE	DENSITY SITE	LIMITATION CRITERIA REGIONAL				ROBUST SECTOR CRITERIA POPULATION			GROWTH CRITERIA POPULATION		
				VALUE	MEET YES/NO	VALUE	MEET YES/NO	SITE	0.5 (ALLOWABLE)	MEET YES/NO	YEAR 2030	2 TIMES YR 1990	MEET YES/NO
SDF10	0.-5.	557	7.1	21.4	YES	100.	YES	557	3927	YES	696	1114	YES
	5.-10.	9168	34.9	32.1	NO	150.	YES	5082	17671	YES			
	0.-10.	9725	31.0	42.8	N/A	N/A	N/A	5082	4862	N/A			
HOD1	0.-5.	390	11.3	21.4	YES	100.	YES	827	3927	YES	1113	1780	YES
	5.-10.	5981	25.4	32.1	YES	150.	YES	1487	17671	YES			
	0.-10.	6871	21.9	42.8	N/A	N/A	N/A	1487	3435	N/A			
HOD2	0.-5.	1282	16.3	21.4	YES	100.	YES	1128	3927	YES	1602	2564	YES
	5.-10.	1855	7.9	32.1	YES	150.	YES	1487	17671	YES			
	0.-10.	3137	10.0	42.8	N/A	N/A	N/A	1487	1568	N/A			
HOD3	0.-5.	0	0.0	21.4	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	6455	27.4	32.1	YES	150.	YES	2741	17671	YES			
	0.-10.	6455	20.6	42.8	N/A	N/A	N/A	2741	3232	N/A			
HOD4	0.-5.	263	3.3	21.4	YES	100.	YES	263	3927	YES	328	526	YES
	5.-10.	8631	36.6	32.1	NO	150.	YES	3676	17671	YES			
	0.-10.	8894	23.3	42.8	N/A	N/A	N/A	3676	4447	N/A			
HOD5	0.-5.	223	2.8	21.4	YES	100.	YES	223	3927	YES	279	446	YES
	5.-10.	3136	13.3	32.1	YES	150.	YES	845	17671	YES			
	0.-10.	3359	10.7	42.8	N/A	N/A	N/A	845	1672	N/A			
HOD7	0.-5.	280	3.6	21.4	YES	100.	YES	280	3927	YES	349	560	YES
	5.-10.	6950	29.1	32.1	YES	150.	YES	3676	17671	YES			
	0.-10.	7130	22.7	42.8	N/A	N/A	N/A	3676	3565	N/A			

SKAGIT RIVER REGION

POPULATION IN THE REGION FOR THE YEAR 1990 IS 11861 DENSITY FOR THE REGION IS 37.9

SITE NAME	DISTANCE MILES	POPULATION SITE	DENSITY SITE	LIMITATION CRITERIA				WHRST SECTOR CRITERIA			GROWTH CRITERIA		
				REGIONAL		NRC		POPULATION		MEET YES/NO	POPULATION		MEET YES/NO
				VALUE	MEET	VALUE	MEET	SITE	0.5 (ALLOWABLE)		YEAR 2010	2 TIMES YR 1990	
SKR1	0.-5.	3026	33.5	18.9	NO	100.	YES	1055	3927	YES	3782	6052	YES
	5.-10.	35942	152.5	28.4	NO	150.	NO	11962	17771	YES			
	0.-10.	38968	124.0	37.9	N/A	N/A	N/A	11962	19484	N/A			
SKR2	0.-5.	26486	337.2	18.9	NO	100.	NO	7790	13243	YES	33098	52972	YES
	5.-10.	15186	64.5	28.4	NO	150.	YES	9038	17671	YES			
	0.-10.	41672	132.6	37.9	N/A	N/A	N/A	9038	20836	N/A			
SKR3	0.-5.	2940	37.4	18.9	NO	100.	YES	1303	3927	YES	3671	5880	YES
	5.-10.	13099	55.6	28.4	NO	150.	YES	7079	17671	YES			
	0.-10.	16039	51.1	37.9	N/A	N/A	N/A	7079	8019	N/A			
SKR4	0.-5.	680	8.7	18.9	YES	100.	YES	680	3927	YES	850	1360	YES
	5.-10.	2319	9.8	28.4	YES	150.	YES	1303	17671	YES			
	0.-10.	2999	9.5	37.9	N/A	N/A	N/A	1303	1499	N/A			
SKR5	0.-5.	649	8.3	18.9	YES	100.	YES	649	3927	YES	810	1298	YES
	5.-10.	580	2.9	28.4	YES	150.	YES	680	17671	YES			
	0.-10.	1329	4.2	37.9	N/A	N/A	N/A	680	664	N/A			
SKR6	0.-5.	0	0.0	18.9	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	1329	5.6	28.4	YES	150.	YES	680	17671	YES			
	0.-10.	1329	4.2	37.9	N/A	N/A	N/A	680	664	N/A			
SKR7	0.-5.	0	0.0	18.9	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	354	1.5	28.4	YES	150.	YES	354	17671	YES			
	0.-10.	354	1.1	37.9	N/A	N/A	N/A	354	177	N/A			

COMLITZ RIVER REGION

POPULATION IN THE REGION FOR THE YEAR 1990 IS 101879 DENSITY FOR THE REGION IS 29.3

SITE NAME	DISTANCE MILES	POPULATION SITE	DENSITY SITE	LIMITATION CRITERIA REGIONAL				WILDEST SECTOR CRITERIA POPULATION			GROWTH CRITERIA POPULATION		
				VALUE	MEET YES/NO	VALUE	MEET YES/NO	SITE	0.5 (ALLOWABLE)	MEET YES/NO	YEAR 2010	2 TIMES YR 1990	MEET YES/NO
COM1	0.-5.	25126	323.7	14.6	NO	100.	NO	9077	12713	YES	32387	50852	YES
	5.-10.	48294	207.6	22.0	NO	150.	NO	30975	24452	NO			
	0.-10.	74330	236.6	29.3	N/A	N/A	N/A	30975	37165	N/A			
COM2	0.-5.	20445	260.3	14.6	NO	100.	NO	5744	10222	YES	25042	40890	YES
	5.-10.	58395	247.8	22.0	NO	150.	NO	31703	29192	NO			
	0.-10.	78830	250.9	29.3	N/A	N/A	N/A	31703	39415	N/A			
COM3	0.-5.	1473	18.8	14.6	NO	100.	YES	986	3927	YES	1875	2945	YES
	5.-10.	11627	49.6	22.0	NO	150.	YES	2982	17671	YES			
	0.-10.	13170	41.2	29.3	N/A	N/A	N/A	2882	6585	N/A			
COM4	0.-5.	4068	51.8	14.6	NO	100.	YES	1363	3927	YES	5142	8135	YES
	5.-10.	7542	32.0	22.0	NO	150.	YES	2151	17671	YES			
	0.-10.	11610	37.0	29.3	N/A	N/A	N/A	2151	5405	N/A			
COM5	0.-5.	1773	22.6	14.6	NO	100.	YES	1025	3927	YES	2257	3546	YES
	5.-10.	3322	14.1	22.0	YES	150.	YES	1427	17671	YES			
	0.-10.	5095	16.2	29.3	N/A	N/A	N/A	1427	2547	N/A			
COM6	0.-5.	3511	46.0	14.6	NO	100.	YES	1215	3927	YES	4598	7222	YES
	5.-10.	1733	7.5	22.0	YES	150.	YES	1215	17671	YES			
	0.-10.	5334	17.1	29.3	N/A	N/A	N/A	1215	2692	N/A			
COM7	0.-5.	0	0.0	14.6	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	1215	5.2	22.0	YES	150.	YES	1215	17671	YES			
	0.-10.	1215	3.9	29.3	N/A	N/A	N/A	1215	607	N/A			
COM8	0.-5.	0	0.0	14.6	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	0	0.0	22.0	YES	150.	YES	0	17671	YES			
	0.-10.	0	0.0	29.3	N/A	N/A	N/A	0	0	N/A			
COM9	0.-5.	1334	17.0	14.6	NO	100.	YES	1334	3927	YES	1700	2663	YES
	5.-10.	2032	3.6	22.0	YES	150.	YES	2032	17671	YES			
	0.-10.	3355	19.7	29.3	N/A	N/A	N/A	2032	1583	N/A			
COM10	0.-5.	0	0.0	14.6	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	2051	3.7	22.0	YES	150.	YES	2032	17671	YES			
	0.-10.	2051	5.5	29.3	N/A	N/A	N/A	2032	1025	N/A			

COLUMBIA RIVER REGION

POPULATION IN THE REGION FOR THE YEAR 1990 IS 57474 DENSITY FOR THE REGION IS 12.8

SITE NAME	DISTANCE MILES	POPULATION SITE	DENSITY SITE	LIMITATION CRITERIA				WORST SECTOR CRITERIA			GROWTH CRITERIA		
				REGIONAL		NIC		POPULATION		MEET YES/NO	POPULATION		MEET YES/NO
				VALUE	MEET YES/NO	VALUE	MEET YES/NO	SITE	0.5 (ALLOWABLE)		YEAR 2030	2 TIMES YR 1990	
COL1	0.-5.	22442	285.7	6.4	NO	100.	NO	9723	11221	YES	23729	44884	YES
	5.-10.	29541	125.4	9.6	NO	150.	YES	18909	17671	NO			
	0.-10.	51983	165.5	12.8	N/A	N/A	N/A	18909	25991	N/A			
COL2	0.-5.	39521	503.2	6.4	NO	100.	NO	13519	19760	YES	41656	79042	YES
	5.-10.	43759	185.7	9.6	NO	150.	NO	24384	21479	NO			
	0.-10.	83280	265.1	12.8	N/A	N/A	N/A	24384	41640	N/A			
COL3	0.-5.	1709	98.2	6.4	NO	100.	YES	7700	3927	NO	8246	15418	YES
	5.-10.	27907	118.4	9.6	NO	150.	YES	28297	17671	NO			
	0.-10.	35616	113.4	12.8	N/A	N/A	N/A	23297	17808	N/A			
COL4	0.-5.	0	0.0	6.4	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	2513	10.7	9.6	NO	150.	YES	1283	17671	YES			
	0.-10.	2513	8.0	12.8	N/A	N/A	N/A	1283	1256	N/A			
COL5	0.-5.	0	0.0	6.4	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	0	0.0	9.6	YES	150.	YES	0	17571	YES			
	0.-10.	0	0.0	12.8	N/A	N/A	N/A	0	0	N/A			
COL6	0.-5.	0	0.0	6.4	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	171	0.7	9.6	YES	150.	YES	86	17671	YES			
	0.-10.	171	0.5	12.8	N/A	N/A	N/A	86	95	N/A			
COL7	0.-5.	0	0.0	6.4	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	243	1.0	9.6	YES	150.	YES	153	17671	YES			
	0.-10.	243	0.8	12.8	N/A	N/A	N/A	158	121	N/A			
COL8	0.-5.	0	0.0	6.4	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	158	0.7	9.6	YES	150.	YES	158	17671	YES			
	0.-10.	158	0.5	12.8	N/A	N/A	N/A	158	79	N/A			
COL9	0.-5.	0	0.0	6.4	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	240	1.0	9.6	YES	150.	YES	240	17571	YES			
	0.-10.	240	0.8	12.8	N/A	N/A	N/A	240	120	N/A			
COL10	0.-5.	693	8.8	6.4	NO	100.	YES	693	3927	YES	645	1335	YES
	5.-10.	3062	11.1	9.6	NO	150.	YES	2942	17571	YES			
	0.-10.	3775	12.0	12.8	N/A	N/A	N/A	2942	1487	N/A			
COL11	0.-5.	0	0.0	6.4	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	3351	14.2	9.6	NO	150.	YES	1448	17571	YES			
	0.-10.	3351	10.7	12.8	N/A	N/A	N/A	1448	1575	N/A			
COL12	0.-5.	1754	47.8	6.4	NO	100.	YES	1118	3927	YES	3493	7508	YES
	5.-10.	26893	113.8	9.6	NO	150.	YES	18110	17671	NO			
	0.-10.	30557	97.3	12.8	N/A	N/A	N/A	18110	15278	N/A			
COL13	0.-5.	0	0.0	6.4	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	1140	15.1	9.6	NO	150.	YES	1206	17671	YES			
	0.-10.	1140	12.1	12.8	N/A	N/A	N/A	1206	1220	N/A			

STRAIT JUAN DE FUCA REGION

POPULATION IN THE REGION FOR THE YEAR 2030 IS 93711 DENSITY FOR THE REGION IS 54.7

SITE NAME	DISTANCE MILES	POPULATION SITE	DENSITY SITE	LIMITATION CRITERIA REGIONAL			MOIST SECTOR CRITERIA POPULATION			GROWTH CRITERIA POPULATION			
				VALUE	MEET YES/NO	VALUE	MEET YES/NO	VALUE	MEET YES/NO	YEAR 2030	2 TIMES YR 1990	MEET YES/NO	
SDF1	0.-5.	1573	20.0	28.4	YES	100.	YES	1073	3927	YES	1573	2520	YES
	5.-10.	0	0.0	42.5	YES	150.	YES	1073	17671	YES			
	0.-10.	1573	5.0	56.7	N/A	N/A	N/A	1073	186	N/A			
SDF2	0.-5.	0	0.0	28.4	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	38	0.2	42.5	YES	150.	YES	38	17671	YES			
	0.-10.	38	0.1	56.7	N/A	N/A	N/A	38	19	N/A			
SDF3	0.-5.	1241	15.8	28.4	YES	100.	YES	1241	3927	YES	1241	1988	YES
	5.-10.	0	0.0	42.5	YES	150.	YES	1241	17671	YES			
	0.-10.	1241	4.0	56.7	N/A	N/A	N/A	1241	620	N/A			
SDF4	0.-5.	0	0.0	28.4	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	3372	14.3	42.5	YES	150.	YES	2131	17671	YES			
	0.-10.	3372	10.7	56.7	N/A	N/A	N/A	2131	1686	N/A			
SDF5	0.-5.	0	0.0	28.4	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	0	0.0	42.5	YES	150.	YES	0	17671	YES			
	0.-10.	0	0.0	56.7	N/A	N/A	N/A	0	0	N/A			
SDF6	0.-5.	1329	16.9	28.4	YES	100.	YES	1329	3927	YES	1329	2128	YES
	5.-10.	25418	107.9	42.5	NO	150.	YES	16754	17671	YES			
	0.-10.	26747	85.1	56.7	N/A	N/A	N/A	16754	13373	N/A			
SDF7	0.-5.	29199	371.8	28.4	N/A	100.	NO	7414	14599	YES	29199	46746	YES
	5.-10.	2341	9.9	42.5	YES	150.	YES	8724	17671	YES			
	0.-10.	31540	100.4	56.7	N/A	N/A	N/A	8724	15770	N/A			
SDF8	0.-5.	5508	70.1	28.4	NO	100.	YES	4237	3927	NO	5508	8820	YES
	5.-10.	7304	31.0	42.5	YES	150.	YES	6395	17671	YES			
	0.-10.	12812	49.3	56.7	N/A	N/A	N/A	6395	6406	N/A			
SDF9	0.-5.	0	0.0	28.4	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	14113	59.9	42.5	NO	150.	YES	3905	17671	YES			
	0.-10.	14113	44.9	56.7	N/A	N/A	N/A	3905	1956	N/A			
SDF10	0.-5.	696	8.9	28.4	YES	100.	YES	696	3927	YES	696	1114	YES
	5.-10.	11454	48.6	42.5	N/A	150.	YES	6348	17671	YES			
	0.-10.	12150	33.7	56.7	N/A	N/A	N/A	6348	5975	N/A			
H001	0.-5.	1113	14.2	28.4	YES	100.	YES	1034	3927	YES	1113	1730	YES
	5.-10.	7473	31.7	42.5	YES	150.	YES	1054	17671	YES			
	0.-10.	8586	27.3	56.7	N/A	N/A	N/A	1054	4293	N/A			
H002	0.-5.	1502	20.4	28.4	YES	100.	YES	1410	3927	YES	1502	2564	YES
	5.-10.	2319	9.3	42.5	YES	150.	YES	1058	17671	YES			
	0.-10.	3921	12.5	56.7	N/A	N/A	N/A	1058	1960	N/A			

HOOD CANAL REGION

POPULATION IN THE REGION FOR THE YEAR 2030 IS 142543 DENSITY FOR THE REGION IS 53.5

SITE NAME	DISTANCE MILES	POPULATION SITE	DENSITY SITE	LIMITATION CRITERIA				Worst Sector Criteria			GROWTH CRITERIA		
				REGIONAL VALUE	MEET YES/NO	MEET VALUE	MEET YES/NO	POPULATION SITE	0.5 CALL/DAILED	MEET YES/NO	YEAR 2010	2 TIMES YR 1990	MEET YES/NO
SDF10	0.-5.	696	3.9	26.7	YES	100.	YES	696	1327	YES	696	1114	YES
	5.-10.	11454	48.5	40.1	NO	150.	YES	6348	17571	YES			
	0.-10.	12150	38.7	53.5	N/A	N/A	N/A	6348	6075	N/A			
H001	0.-5.	1113	14.2	26.7	YES	100.	YES	1034	3927	YES	1113	1780	YES
	5.-10.	7473	31.7	40.1	YES	150.	YES	1858	17671	YES			
	0.-10.	8586	27.3	53.5	N/A	N/A	N/A	1458	4293	N/A			
H002	0.-5.	1602	20.4	26.7	YES	100.	YES	1410	3927	YES	1602	2564	YES
	5.-10.	2319	9.8	40.1	YES	150.	YES	1858	17671	YES			
	0.-10.	3921	12.5	53.5	N/A	N/A	N/A	1858	1260	N/A			
H003	0.-5.	0		26.7	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	8075		40.1	YES	150.	YES	3424	17571	YES			
	0.-10.	8075		53.5	N/A	N/A	N/A	3424	4037	N/A			
H004	0.-5.	328	4.2	26.7	YES	100.	YES	328	3927	YES	328	526	YES
	5.-10.	10783	45.8	40.1	NO	150.	YES	4593	17571	YES			
	0.-10.	11111	35.4	53.5	N/A	N/A	N/A	4593	5555	N/A			
H005	0.-5.	279	3.6	26.7	YES	100.	YES	279	3927	YES	279	446	YES
	5.-10.	3916	16.6	40.1	YES	150.	YES	1056	17571	YES			
	0.-10.	4195	13.4	53.5	N/A	N/A	N/A	1056	2097	N/A			
H007	0.-5.	349	4.4	26.7	YES	100.	YES	349	3927	YES	349	550	YES
	5.-10.	8559	35.3	40.1	YES	150.	YES	4593	17571	YES			
	0.-10.	8088	28.4	53.5	N/A	N/A	N/A	4593	4454	N/A			

SKAGIT RIVER REGION

POPULATION IN THE REGION FOR THE YEAR 2030 IS 148495 DENSITY FOR THE REGION IS 47.3

SITE NAME	DISTANCE MILES	POPULATION SITE	DENSITY SITE	LIMITATION CRITERIA REGIONAL				WORST SECTOR CRITERIA POPULATION			GROWTH CRITERIA POPULATION		
				VALUE	MEET YES/NO	VALUE	MEET YES/NO	SITE	0.5(ALLOWABLE)	MEET YES/NO	YEAR 2030	2 TIMES YR 1990	MEET YES/NO
SKR1	0.-5.	3782	43.2	23.7	NO	100.	YES	1318	3927	YES	3782	6052	YES
	5.-10.	44398	190.6	35.5	NO	150.	NO	14742	22449	YES			
	0.-10.	48680	155.0	47.3	N/A	N/A	N/A	14942	24340	N/A			
SKR2	0.-5.	33088	421.3	23.7	NO	100.	NO	9731	16544	YES	33088	52972	YES
	5.-10.	18273	89.5	35.5	NO	150.	YES	11291	17571	YES			
	0.-10.	52061	165.7	47.3	N/A	N/A	N/A	11291	26330	N/A			
SKR3	0.-5.	3671	46.7	23.7	NO	100.	YES	1527	3927	YES	3671	5886	YES
	5.-10.	16365	62.5	35.5	NO	150.	YES	8843	17671	YES			
	0.-10.	20036	63.8	47.3	N/A	N/A	N/A	8343	19018	N/A			
SKR4	0.-5.	850	10.8	23.7	YES	100.	YES	850	3927	YES	850	1360	YES
	5.-10.	2895	12.3	35.5	YES	150.	YES	1627	17571	YES			
	0.-10.	3745	11.9	47.3	N/A	N/A	N/A	1627	1872	N/A			
SKR5	0.-5.	810	10.3	23.7	YES	100.	YES	810	3927	YES	810	1298	YES
	5.-10.	850	3.5	35.5	YES	150.	YES	850	17671	YES			
	0.-10.	1660	5.3	47.3	N/A	N/A	N/A	850	930	N/A			
SKR6	0.-5.	0	0.0	23.7	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	1660	7.0	35.5	YES	150.	YES	850	17671	YES			
	0.-10.	1660	5.3	47.3	N/A	N/A	N/A	850	930	N/A			
SKR7	0.-5.	0	0.0	23.7	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	443	1.9	35.5	YES	150.	YES	443	17571	YES			
	0.-10.	443	1.4	47.3	N/A	N/A	N/A	443	221	N/A			

COMLIEZ RIVER REGION

POPULATION IN THE REGION FOR THE YEAR 2030 IS 129641 DENSITY FOR THE REGION IS 37.3

SITE NAME	DISTANCE MILES	POPULATION SITE	DENSITY SITE	LIMITATION CRITERIA REGIONAL				Worst Sector Criteria POPULATION			GROWTH CRITERIA POPULATION		
				VALUE	MEET YES/NO	VALUE	MEET YES/NO	SITE	0.5 (ALLOWABLE)	MEET YES/NO	YEAR 2030	2 TIMES YR 1990	MEET YES/NO
COM1	0.-5.	32387	412.4	18.6	NO	100.	NO	11562	15193	YES	32387	50852	YES
	5.-10.	62293	264.4	28.0	NO	150.	NO	39457	31146	NO			
	0.-10.	94680	301.4	37.3	N/A	N/A	N/A	39457	47340	N/A			
COM2	0.-5.	26042	331.6	18.6	NO	100.	NO	7316	13021	YES	26042	40890	YES
	5.-10.	74371	315.6	28.0	NO	150.	NO	40382	37185	NO			
	0.-10.	100413	319.6	37.3	N/A	N/A	N/A	40382	53206	N/A			
COM3	0.-5.	1875	23.9	18.6	NO	100.	YES	1255	3927	YES	1875	2946	YES
	5.-10.	14903	63.3	28.0	NO	150.	YES	3670	17671	YES			
	0.-10.	16778	53.4	37.3	N/A	N/A	N/A	3670	3389	N/A			
COM4	0.-5.	5182	66.0	18.6	NO	100.	YES	1736	3927	YES	5182	8136	YES
	5.-10.	9697	40.3	28.0	NO	150.	YES	2749	17671	YES			
	0.-10.	14789	47.1	37.3	N/A	N/A	N/A	2749	1394	N/A			
COM5	0.-5.	2257	28.7	18.6	NO	100.	YES	1305	3927	YES	2257	3546	YES
	5.-10.	4231	18.0	28.0	YES	150.	YES	1318	17671	YES			
	0.-10.	6488	20.7	37.3	N/A	N/A	N/A	1818	3244	N/A			
COM6	0.-5.	4598	53.5	18.6	NO	100.	YES	1547	3927	YES	4598	7222	YES
	5.-10.	2257	9.6	28.0	YES	150.	YES	1547	17671	YES			
	0.-10.	6855	21.8	37.3	N/A	N/A	N/A	1547	3427	N/A			
COM7	0.-5.	0	0.0	18.6	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	1547	6.6	28.0	YES	150.	YES	1547	17671	YES			
	0.-10.	1547	4.9	37.3	N/A	N/A	N/A	1547	773	N/A			
COM8	0.-5.	0	0.0	18.6	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	0	0.0	28.0	YES	150.	YES	0	17671	YES			
	0.-10.	0	0.0	37.3	N/A	N/A	N/A	0	0	N/A			
COM9	0.-5.	1700	21.6	18.6	NO	100.	YES	1700	3927	YES	1700	2668	YES
	5.-10.	2583	11.0	28.0	YES	150.	YES	2588	17671	YES			
	0.-10.	4298	13.6	37.3	N/A	N/A	N/A	2583	2144	N/A			
COM10	0.-5.	0	0.0	18.6	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	2512	11.1	28.0	YES	150.	YES	2588	17671	YES			
	0.-10.	2512	9.3	37.3	N/A	N/A	N/A	2583	1306	N/A			

COLUMBIA RIVER REGION

POPULATION IN THE REGION FOR THE YEAR 2030 IS 55340 DENSITY FOR THE REGION IS 12.4

SITE NAME	DISTANCE MILES	POPULATION SITE	DENSITY SITE	LIMITATION CRITERIA				NORST SECTOR CRITERIA			GROWTH CRITERIA		
				REGIONAL		MRC		POPULATION		MEET YES/NO	POPULATION		MEET YES/NO
				VALUE	MEET YES/NO	VALUE	MEET YES/NO	SITE	0.5 (ALLOWABLE)		YEAR 2030	2 TIMES YR 1990	
COL1	0.-5.	23729	302.1	6.2	NO	100.	NO	10402	11864	YES	23729	44884	YES
	5.-10.	29549	125.4	9.3	NO	150.	YES	20228	17671	NO			
	0.-10.	53278	169.5	12.4	N/A	N/A	N/A	20228	25339	N/A			
COL2	0.-5.	41556	530.4	6.2	NO	100.	NO	14162	20428	YES	41656	79042	YES
	5.-10.	44987	190.2	9.3	NO	150.	NO	26085	22493	NO			
	0.-10.	86643	275.8	12.4	N/A	N/A	N/A	26085	43321	N/A			
COL3	0.-5.	8246	105.0	6.2	NO	100.	NO	8236	4123	NO	8246	15418	YES
	5.-10.	29419	124.2	9.3	NO	150.	YES	30268	17671	NO			
	0.-10.	37665	119.9	12.4	N/A	N/A	N/A	30268	19932	N/A			
COL4	0.-5.	0	0.0	6.2	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	2339	2.2	9.3	NO	150.	YES	1194	17671	YES			
	0.-10.	2339	7.4	12.4	N/A	N/A	N/A	1194	1169	N/A			
COL5	0.-5.	0	0.0	6.2	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	0	0.0	9.3	YES	150.	YES	0	17671	YES			
	0.-10.	0	0.0	12.4	N/A	N/A	N/A	0	0	N/A			
COL6	0.-5.	0	0.0	6.2	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	171	0.7	9.3	YES	150.	YES	92	17671	YES			
	0.-10.	171	0.5	12.4	N/A	N/A	N/A	92	85	N/A			
COL7	0.-5.	0	0.0	6.2	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	226	1.0	9.3	YES	150.	YES	147	17671	YES			
	0.-10.	226	0.7	12.4	N/A	N/A	N/A	147	113	N/A			
COL8	0.-5.	0	0.0	6.2	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	147	0.6	9.3	YES	150.	YES	147	17671	YES			
	0.-10.	147	0.5	12.4	N/A	N/A	N/A	147	73	N/A			
COL9	0.-5.	0	0.0	6.2	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	223	0.9	9.3	YES	150.	YES	223	17671	YES			
	0.-10.	223	0.7	12.4	N/A	N/A	N/A	223	111	N/A			
COL10	0.-5.	645	3.2	6.2	NO	100.	YES	645	3927	YES	645	1366	YES
	5.-10.	2353	12.2	9.3	NO	150.	YES	2645	17671	YES			
	0.-10.	3513	11.2	12.4	N/A	N/A	N/A	2645	1756	N/A			
COL11	0.-5.	0	0.0	6.2	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	3119	13.2	9.3	NO	150.	YES	1343	17671	YES			
	0.-10.	3119	2.2	12.4	N/A	N/A	N/A	1343	1559	N/A			
COL12	0.-5.	3423	44.5	6.2	NO	100.	YES	1940	3927	YES	3423	7901	YES
	5.-10.	24944	105.9	9.3	NO	150.	YES	16455	17671	YES			
	0.-10.	28417	90.5	12.4	N/A	N/A	N/A	16455	14218	N/A			
COL13	0.-5.	0	0.0	6.2	YES	100.	YES	0	3927	YES	0	0	YES
	5.-10.	1574	15.2	9.3	NO	150.	YES	1122	17671	YES			
	0.-10.	1574	11.1	12.4	N/A	N/A	N/A	1122	1747	N/A			

FORMAT APPENDIX B

CANDIDATE AREA

Year 1970 Candidate Area (Regional) Density

Number of Sites Meeting the
NURRG-0625 Density

	0-5 mi	0-10 mi
% of Regional Density*	---	---
NMC Fixed Density*	---	---

Number of Sites Meeting all of the
NURRG-0625 Requirements is _____ sites**
out of _____ sites

Number of Sites With Site***
Density Less Than or Equal
to Various Numerical Values

Value (people/mi ²)	Annular Zones		
	0-5 mi	5-10 mi	0-10 mi
25	---	---	---
50	---	---	---
100	---	---	---
.	.	.	.
.	.	.	.
2,000	---	---	---

Number of Sites With Site[†]
Density Less Than or Equal
to Various Fractional Values
of the Regional Density

% of Regional Density	Limit People/mi ²	Annular Zones		
		0-5 mi	5-10 mi	0-10 mi
25				
50				
.				
.				
400				

Year 1990 Candidate Area (Regional) Density

Same data format but for the year 1990

Year 2030 Candidate Area (Regional) Density

Same data format but for the year 2030

*% of Regional Density limit is either 0.5 or 0.75 times the regional density while the NMC fixed density limit is 100 or 150 people/mi² depending on annular zones.

**This section indicates how many sites meet not only the density criteria but also the worst sector and growth criteria. The comparison is limited to 10 miles.

***This section provides an indication of the number of sites meeting various density limits in each of these zones (0-5 mile, 5-10 mile, and 0-10 mile).

†This section provides an indication of the number of sites meeting various fractions of regional density limits in each of the zones (0-5 mile, 5-10 mile, and 0-10 mile).

CONNECTICUT RIVER REGION

YEAR 1970 REGIONAL DENSITY 93.0

YEAR 1990 REGIONAL DENSITY 105.7

YEAR 2010 REGIONAL DENSITY 134.4

NOREG-0625 DENSITY			
NUMBER OF SITES MEETING			
	0-5	5-10	
% OF REG. DEN.	0	5	
ARC FIXED DEN.	5	9	

NOREG-0625 DENSITY			
NUMBER OF SITES MEETING			
	0-5	5-10	
% OF REG. DEN.	0	5	
ARC FIXED DEN.	4	8	

NOREG-0625 DENSITY			
NUMBER OF SITES MEETING			
	0-5	5-10	
% OF REG. DEN.	0	5	
ARC FIXED DEN.	4	3	

NUMBER OF SITES MEETING ALL OF THE
NOREG-0625 REQUIREMENTS IS 5 SITES
OUT OF 9 SITES

NUMBER OF SITES MEETING ALL OF THE
NOREG-0625 REQUIREMENTS IS 3 SITES
OUT OF 9 SITES

NUMBER OF SITES MEETING ALL OF THE
NOREG-0625 REQUIREMENTS IS 3 SITES
OUT OF 9 SITES

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
FIXED VALUES

VALUE	0-5	5-10	0-10
25.	0	0	0
50.	3	3	0
100.	5	4	5
150.	5	9	9
200.	5	9	9
300.	7	9	9
400.	9	9	9
500.	9	9	9
600.	9	9	9
700.	9	9	9
800.	9	9	9
900.	9	9	9
1000.	9	9	9
1200.	9	9	9
1400.	9	9	9
1600.	9	9	9
1800.	9	9	9
2000.	9	9	9

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
FIXED VALUES

VALUE	0-5	5-10	0-10
25.	0	0	0
50.	0	3	0
100.	4	7	5
150.	5	8	8
200.	5	9	9
300.	6	9	9
400.	8	9	9
500.	9	9	9
600.	9	9	9
700.	9	9	9
800.	9	9	9
900.	9	9	9
1000.	9	9	9
1200.	9	9	9
1400.	9	9	9
1600.	9	9	9
1800.	9	9	9
2000.	9	9	9

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
FIXED VALUES

VALUE	0-5	5-10	0-10
25.	0	0	0
50.	0	0	0
100.	4	5	1
150.	5	8	6
200.	5	9	8
300.	5	9	9
400.	7	9	9
500.	8	9	9
600.	9	9	9
700.	9	9	9
800.	9	9	9
900.	9	9	9
1000.	9	9	9
1200.	9	9	9
1400.	9	9	9
1600.	9	9	9
1800.	9	9	9
2000.	9	9	9

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
% OF REGIONAL DENSITY

%	VALUE	0-5	5-10	0-10
25.	22.5	0	0	0
50.	45.0	0	3	0
75.	67.5	4	5	1
100.	90.0	4	7	5
150.	135.0	5	9	8
200.	180.0	5	9	9
300.	270.0	7	9	9
400.	360.0	8	9	9

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
% OF REGIONAL DENSITY

%	VALUE	0-5	5-10	0-10
25.	26.4	0	0	0
50.	52.8	0	3	0
75.	79.3	4	5	1
100.	105.7	4	7	5
150.	158.5	5	9	8
200.	211.4	5	9	9
300.	317.1	7	9	9
400.	422.8	8	9	9

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
% OF REGIONAL DENSITY

%	VALUE	0-5	5-10	0-10
25.	33.6	0	0	0
50.	67.2	0	3	0
75.	100.8	4	5	1
100.	134.4	4	7	5
150.	201.6	5	9	8
200.	268.8	5	9	9
300.	403.2	7	9	9
400.	537.6	8	9	9

HEATHACK RIVER REGION

TABLE 1. Regional Density, 1970. (continued)

YEAR 1993 REGIONAL DENSITY 197.4

YEAR 2010	REGIONAL DENSITY	250.2
-----------	------------------	-------

	NUMBER OF SITES MEETING	
	0-5	5-10
4 OF REG. DEL.	0	1
ARC FIXED DEL.	0	2

	NUMBER OF SITES MEETING	
	0-5	5-10
% OF REG. DEB.	0	1
ARC FIXED DEB.	0	1

	NOREG-0.25 DENSITY	
	NUMBER OF SITES MEETING	
	0-5	5-10
% OF REG. DEN.	0	1
ARC FIXED DET.	0	1

NUMBER OF SITES MEETING ALL OF THE
RUEHS-0625 REQUIREMENTS IS 0 SITES
OUT OF 10 SITES

NUMBER OF SITES MEETING ALL OF THE
"HREG-0625" REQUIREMENTS IS 0 SITES
OUT OF 10 SITES

NUMBER OF SITES MEETING ALL OF THE
NOREG-0625 REQUIREMENTS IS 0 SITES
OUT OF 10 SITES

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
FIXED VALUES

VALUE	0-5	5-10	0-10
25.	0	0	0
50.	0	1	0
100.	0	1	1
150.	3	2	2
200.	5	3	2
300.	6	4	4
400.	6	4	4
500.	7	5	6
600.	7	7	7
700.	7	7	8
800.	8	9	8
900.	8	9	9
1000.	8	9	9
1200.	9	10	9
1400.	9	10	10
1600.	9	10	10
1800.	10	10	10
2000.	10	10	10

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
FIXED VALUES

VALUE	0-5	5-10	10-15
25.	0	0	0
50.	0	1	0
100.	0	1	1
150.	0	1	1
200.	3	2	2
300.	5	3	3
400.	6	4	4
500.	6	4	4
600.	7	4	6
700.	7	6	6
800.	7	7	8
900.	8	7	8
1000.	8	9	8
1200.	8	9	9
1400.	9	10	9
1600.	9	10	10
1800.	9	10	10
2000.	9	10	10

NUMBER OF SITES WITH SITE DENSITY LESS THAN OR EQUAL FIXED VALUES

VALUE	0-5	5-10	0-10
25.	0	0	0
50.	0	0	0
100.	0	1	0
150.	0	1	1
200.	0	1	1
300.	5	2	2
400.	5	4	3
500.	6	4	4
600.	6	4	4
700.	6	4	4
800.	7	4	6
900.	7	6	6
1000.	7	7	7
1200.	8	7	8
1400.	8	9	9
1600.	8	9	9
1800.	9	9	9
2000.	9	10	9

NUMBER OF SITES WITH SITE DENSITY LESS THAN OR EQUAL % OF REGIONAL DENSITY

%	VALUE	0-5	5-10	0-10
25.	33.3	0	1	0
50.	75.5	0	1	1
75.	114.3	0	1	1
100.	153.0	3	2	2
150.	224.5	5	3	2
200.	306.0	6	4	4
300.	459.0	6	4	5
400.	612.0	1	1	7

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
% OF REGIONAL DENSITY

%	VALUE	0-5	5-10	10-15
25.	46.3	0	0	0
50.	93.7	0	1	1
75.	140.5	0	1	1
100.	187.4	2	1	1
150.	281.1	5	3	2
200.	374.8	6	4	4
300.	562.2	7	4	6
400.	749.6	7	7	7

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
% OF REGIONAL DENSITY

%	VALUE	0-5	5-10	10-15
25.	62.5	0	0	0
50.	125.1	0	1	1
75.	187.6	0	1	1
100.	250.2	1	1	1
150.	375.3	5	3	3
200.	500.4	5	4	4
300.	750.6	7	4	6
400.	1000.8	7	7	7

SEA FENLAND COASTAL REGION

YEAR 1979 REGIONAL DENSITY 186.1

YEAR 1990 REGIONAL DENSITY 216.3

YEAR 2030 REGIONAL DENSITY 276.9

NUMBER-0625 DENSITY
NUMBER OF SITES MEETING

	0-5	5-10
% OF REG. DEN.	1	5
NRC FIXED DEN.	2	5

NUMBER-0625 DENSITY
NUMBER OF SITES MEETING

	0-5	5-10
% OF REG. DEN.	1	5
NRC FIXED DEN.	1	5

NUMBER-0625 DENSITY
NUMBER OF SITES MEETING

	0-5	5-10
% OF REG. DEN.	2	5
NRC FIXED DEN.	1	2

NUMBER OF SITES MEETING ALL OF THE
NUMBER-0625 REQUIREMENTS IS 2 SITES
OUT OF 11 SITES

NUMBER OF SITES MEETING ALL OF THE
NUMBER-0625 REQUIREMENTS IS 1 SITES
OUT OF 11 SITES

NUMBER OF SITES MEETING ALL OF THE
NUMBER-0625 REQUIREMENTS IS 2 SITES
OUT OF 11 SITES

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
FIXED VALUES

VALUE	0-5	5-10	0-10
25.	0	0	0
50.	0	2	0
100.	2	3	2
150.	2	5	3
200.	3	6	5
300.	7	7	7
400.	9	7	7
500.	10	8	10
600.	10	11	10
700.	10	11	11
800.	11	11	11
900.	11	11	11
1000.	11	11	11
1200.	11	11	11
1400.	11	11	11
1600.	11	11	11
1800.	11	11	11
2000.	11	11	11

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
FIXED VALUES

VALUE	0-5	5-10	0-10
25.	0	0	0
50.	0	0	0
100.	1	2	2
150.	2	5	2
200.	2	5	5
300.	5	6	6
400.	7	7	7
500.	9	7	7
600.	10	8	10
700.	10	10	10
800.	10	11	11
900.	11	11	11
1000.	11	11	11
1200.	11	11	11
1400.	11	11	11
1600.	11	11	11
1800.	11	11	11
2000.	11	11	11

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
FIXED VALUES

VALUE	0-5	5-10	0-10
25.	0	0	0
50.	0	0	0
100.	1	2	2
150.	2	2	2
200.	2	5	2
300.	4	5	5
400.	6	7	6
500.	7	7	7
600.	8	7	7
700.	9	7	9
800.	10	9	10
900.	10	10	10
1000.	10	11	11
1200.	11	11	11
1400.	11	11	11
1600.	11	11	11
1800.	11	11	11
2000.	11	11	11

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
% OF REGIONAL DENSITY

%	VALUE	0-5	5-10	0-10
25.	45.5	0	0	0
50.	91.0	1	2	2
75.	136.6	2	5	3
100.	182.1	2	5	5
150.	273.1	6	7	7
200.	364.2	8	7	7
300.	546.3	10	10	10
400.	728.4	11	11	11

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
% OF REGIONAL DENSITY

%	VALUE	0-5	5-10	0-10
25.	54.1	0	0	0
50.	108.1	1	2	2
75.	162.2	2	5	3
100.	216.3	2	5	5
150.	324.4	7	7	7
200.	432.6	8	7	7
300.	648.9	10	10	10
400.	865.2	11	11	11

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
% OF REGIONAL DENSITY

%	VALUE	0-5	5-10	0-10
25.	70.2	0	1	0
50.	138.4	2	2	2
75.	207.7	2	5	2
100.	276.9	2	5	5
150.	415.3	6	7	6
200.	553.8	8	7	7
300.	830.7	10	9	10
400.	1107.6	10	11	11

SCOTO RIVER REGION

YEAR 1979 REGIONAL DENSITY 63.0

YEAR 1990 REGIONAL DENSITY 81.4

YEAR 2130 REGIONAL DENSITY 106.0

HUREG-0625 DENSITY			
NUMBER OF SITES MEETING			
	0-5	5-10	
% OF REG. DEN.	2	2	
ARC FIXED DEN.	6	7	

HUREG-0525 DENSITY			
NUMBER OF SITES MEETING			
	0-5	5-10	
% OF REG. DEN.	2	2	
ARC FIXED DEN.	6	6	

HUREG-0625 DENSITY			
NUMBER OF SITES MEETING			
	0-5	5-10	
% OF REG. DEN.	2	1	
ARC FIXED DEN.	5	4	

NUMBER OF SITES MEETING ALL OF THE
HUREG-0625 REQUIREMENTS IS 4 SITES
OUT OF 13 SITES

NUMBER OF SITES MEETING ALL OF THE
HUREG-0625 REQUIREMENTS IS 4 SITES
OUT OF 13 SITES

NUMBER OF SITES MEETING ALL OF THE
HUREG-0625 REQUIREMENTS IS 3 SITES
OUT OF 13 SITES

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
FIXED VALUES

VALUE	0-5	5-10	0-10
25.	2	0	0
50.	5	2	1
100.	6	4	4
150.	8	7	8
200.	9	9	10
300.	11	11	11
400.	11	11	11
500.	12	11	11
600.	12	11	11
700.	13	11	11
800.	13	11	11
900.	13	11	12
1000.	13	11	12
1200.	13	12	13
1400.	13	13	13
1600.	13	13	13
1800.	13	13	13
2000.	13	13	13

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
FIXED VALUES

VALUE	0-5	5-10	0-10
25.	0	0	0
50.	3	0	1
100.	6	4	3
150.	7	6	5
200.	9	8	8
300.	10	11	11
400.	11	11	11
500.	11	11	11
600.	11	11	11
700.	12	11	11
800.	12	11	11
900.	13	11	11
1000.	13	11	11
1200.	13	11	12
1400.	13	11	12
1600.	13	12	13
1800.	13	13	13
2000.	13	13	13

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
FIXED VALUES

VALUE	0-5	5-10	0-10
25.	0	0	0
50.	2	0	0
100.	5	2	2
150.	6	4	3
200.	7	6	4
300.	9	8	9
400.	10	11	11
500.	11	11	11
600.	11	11	11
700.	11	11	11
800.	11	11	11
900.	12	11	11
1000.	12	11	11
1200.	13	11	11
1400.	13	11	11
1600.	13	11	11
1800.	13	11	12
2000.	13	11	12

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
% OF REGIONAL DENSITY

%	VALUE	0-5	5-10	0-10
25.	15.8	0	0	0
50.	31.5	2	0	0
75.	47.3	5	2	1
100.	63.0	6	3	3
150.	94.5	6	4	4
200.	126.0	7	7	7
300.	189.0	9	9	9
400.	252.0	11	11	11

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
% OF REGIONAL DENSITY

%	VALUE	0-5	5-10	0-10
25.	20.3	0	0	0
50.	40.7	2	0	0
75.	61.0	5	2	1
100.	81.4	6	3	3
150.	122.1	6	4	4
200.	162.8	7	7	7
300.	244.2	9	8	9
400.	325.6	11	11	11

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
% OF REGIONAL DENSITY

%	VALUE	0-5	5-10	0-10
25.	25.5	0	0	0
50.	53.0	2	0	0
75.	79.5	5	1	1
100.	106.0	6	3	3
150.	159.0	6	4	4
200.	212.0	7	7	7
300.	318.0	9	8	9
400.	424.0	10	11	11

OHIO RIVER REGION

YEAR 1970 REGIONAL DENSITY 69.6

YEAR 1990 REGIONAL DENSITY 80.9

YEAR 2030 REGIONAL DENSITY 32.8

NUREG-0625 DENSITY
NUMBER OF SITES MEETING
0-5 5-10
% OF REG. DEN. 0 3
NRC FIXED DEN. 4 6

NUREG-0625 DENSITY
NUMBER OF SITES MEETING
0-5 5-10
% OF REG. DEN. 0 3
NRC FIXED DEN. 4 6

NUREG-0625 DENSITY
NUMBER OF SITES MEETING
0-5 5-10
% OF REG. DEN. 0 4
NRC FIXED DEN. 4 6

NUMBER OF SITES MEETING ALL OF THE
NUREG-0625 REQUIREMENTS IS 3 SITES
OUT OF 12 SITES

NUMBER OF SITES MEETING ALL OF THE
NUREG-0625 REQUIREMENTS IS 3 SITES
OUT OF 12 SITES

NUMBER OF SITES MEETING ALL OF THE
NUREG-0625 REQUIREMENTS IS 3 SITES
OUT OF 12 SITES

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
FIXED VALUES

VALUE	0-5	5-10	0-10
25.	0	0	0
50.	3	3	2
100.	4	5	5
150.	6	6	7
200.	8	7	8
300.	9	11	9
400.	9	11	11
500.	9	12	11
600.	10	12	12
700.	10	12	12
800.	11	12	12
900.	12	12	12
1000.	12	12	12
1200.	12	12	12
1400.	12	12	12
1600.	12	12	12
1800.	12	12	12
2000.	12	12	12

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
FIXED VALUES

VALUE	0-5	5-10	0-10
25.	0	0	0
50.	0	3	1
100.	4	5	5
150.	6	6	6
200.	7	7	7
300.	9	11	9
400.	9	11	10
500.	9	11	11
600.	9	12	11
700.	10	12	12
800.	10	12	12
900.	11	12	12
1000.	12	12	12
1200.	12	12	12
1400.	12	12	12
1600.	12	12	12
1800.	12	12	12
2000.	12	12	12

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
FIXED VALUES

VALUE	0-5	5-10	0-10
25.	0	0	0
50.	1	3	2
100.	4	5	5
150.	6	6	6
200.	6	6	6
300.	8	9	7
400.	9	11	10
500.	9	11	11
600.	9	12	11
700.	10	12	12
800.	10	12	12
900.	11	12	12
1000.	12	12	12
1200.	12	12	12
1400.	12	12	12
1600.	12	12	12
1800.	12	12	12
2000.	12	12	12

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
% OF REGIONAL DENSITY

%	VALUE	0-5	5-10	0-10
25.	17.4	0	0	0
50.	34.3	0	0	0
75.	52.2	3	3	2
100.	69.6	3	5	3
150.	104.4	4	5	5
200.	139.2	6	6	7
300.	203.4	9	9	9
400.	277.4	9	11	9

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
% OF REGIONAL DENSITY

%	VALUE	0-5	5-10	0-10
25.	20.2	0	0	0
50.	40.4	0	0	0
75.	60.7	3	3	3
100.	80.9	3	5	3
150.	121.3	4	5	5
200.	161.8	6	6	7
300.	242.7	9	7	7
400.	323.6	9	11	9

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
% OF REGIONAL DENSITY

%	VALUE	0-5	5-10	0-10
25.	20.7	0	0	0
50.	41.4	0	1	0
75.	62.1	2	4	3
100.	82.8	4	5	3
150.	124.2	5	5	5
200.	165.6	6	6	6
300.	248.4	8	6	7
400.	331.2	8	9	8

ALTER VALLEY REGION

YEAR 1970 REGIONAL DENSITY 19.5

YEAR 1990 REGIONAL DENSITY 25.9

YEAR 2010 REGIONAL DENSITY 35.1

NUREG-0625 DENSITY
NUMBER OF SITES MEETING
0-5 5-10

% OF REG. DEN. 5 5
NRC FIXED DEN. 5 5

NUMBER OF SITES MEETING ALL OF THE
NUREG-0625 REQUIREMENTS IS 5 SITES
OUT OF 5 SITES

NUREG-0625 DENSITY
NUMBER OF SITES MEETING
0-5 5-10

% OF REG. DEN. 5 5
NRC FIXED DEN. 5 5

NUMBER OF SITES MEETING ALL OF THE
NUREG-0625 REQUIREMENTS IS 5 SITES
OUT OF 5 SITES

NUREG-0625 DENSITY
NUMBER OF SITES MEETING
0-5 5-10

% OF REG. DEN. 5 5
NRC FIXED DEN. 5 5

NUMBER OF SITES MEETING ALL OF THE
NUREG-0625 REQUIREMENTS IS 5 SITES
OUT OF 5 SITES

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
FIXED VALUES

VALUE	0-5	5-10	0-10
25.	5	5	5
50.	5	5	5
100.	5	5	5
150.	5	5	5
200.	5	5	5
300.	5	5	5
400.	5	5	5
500.	5	5	5
600.	5	5	5
700.	5	5	5
800.	5	5	5
900.	5	5	5
1000.	5	5	5
1200.	5	5	5
1400.	5	5	5
1600.	5	5	5
1800.	5	5	5
2000.	5	5	5

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
FIXED VALUES

VALUE	0-5	5-10	0-10
25.	5	5	5
50.	5	5	5
100.	5	5	5
150.	5	5	5
200.	5	5	5
300.	5	5	5
400.	5	5	5
500.	5	5	5
600.	5	5	5
700.	5	5	5
800.	5	5	5
900.	5	5	5
1000.	5	5	5
1200.	5	5	5
1400.	5	5	5
1600.	5	5	5
1800.	5	5	5
2000.	5	5	5

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
FIXED VALUES

VALUE	0-5	5-10	0-10
25.	5	5	5
50.	5	5	5
100.	5	5	5
150.	5	5	5
200.	5	5	5
300.	5	5	5
400.	5	5	5
500.	5	5	5
600.	5	5	5
700.	5	5	5
800.	5	5	5
900.	5	5	5
1000.	5	5	5
1200.	5	5	5
1400.	5	5	5
1600.	5	5	5
1800.	5	5	5
2000.	5	5	5

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
% OF REGIONAL DENSITY

%	VALUE	0-5	5-10	0-10
25.	4.9	5	4	5
50.	9.8	5	5	5
75.	14.6	5	5	5
100.	19.5	5	5	5
150.	29.3	5	5	5
200.	39.0	5	5	5
300.	58.5	5	5	5
400.	78.0	5	5	5

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
% OF REGIONAL DENSITY

%	VALUE	0-5	5-10	0-10
25.	6.7	5	4	5
50.	13.4	5	5	5
75.	20.2	5	5	5
100.	26.9	5	5	5
150.	40.3	5	5	5
200.	53.8	5	5	5
300.	80.7	5	5	5
400.	107.6	5	5	5

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
% OF REGIONAL DENSITY

%	VALUE	0-5	5-10	0-10
25.	9.0	5	4	5
50.	18.0	5	5	5
75.	27.1	5	5	5
100.	36.1	5	5	5
150.	54.1	5	5	5
200.	72.2	5	5	5
300.	108.3	5	5	5
400.	144.4	5	5	5

BUCAEYE REGION

YEAR 1970 REGIONAL DENSITY 22.5

YEAR 1990 REGIONAL DENSITY 34.8

YEAR 2030 REGIONAL DENSITY 54.2

NUREG-0625 DENSITY
NUMBER OF SITES MEETING
0-5 5-10
% OF REG. DEN. 8 8
MRC FIXED DEN. 9 9

NUREG-0625 DENSITY
NUMBER OF SITES MEETING
0-5 5-10
% OF REG. DEN. 8 8
MRC FIXED DEN. 9 9

NUREG-0625 DENSITY
NUMBER OF SITES MEETING
0-5 5-10
% OF REG. DEN. 8 8
MRC FIXED DEN. 8 9

NUMBER OF SITES MEETING ALL OF THE
NUREG-0625 REQUIREMENTS IS 9 SITES
OUT OF 9 SITES

NUMBER OF SITES MEETING ALL OF THE
NUREG-0625 REQUIREMENTS IS 9 SITES
OUT OF 9 SITES

NUMBER OF SITES MEETING ALL OF THE
NUREG-0625 REQUIREMENTS IS 8 SITES
OUT OF 9 SITES

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
FIXED VALUES

VALUE	0-5	5-10	0-10
25.	8	9	9
50.	9	9	9
100.	9	9	9
150.	9	9	9
200.	9	9	9
300.	9	9	9
400.	9	9	9
500.	9	9	9
600.	9	9	9
700.	9	9	9
800.	9	9	9
900.	9	9	9
1000.	9	9	9
1200.	9	9	9
1400.	9	9	9
1600.	9	9	9
1800.	9	9	9
2000.	9	9	9

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
FIXED VALUES

VALUE	0-5	5-10	0-10
25.	8	8	7
50.	8	9	9
100.	9	9	9
150.	9	9	9
200.	9	9	9
300.	9	9	9
400.	9	9	9
500.	9	9	9
600.	9	9	9
700.	9	9	9
800.	9	9	9
900.	9	9	9
1000.	9	9	9
1200.	9	9	9
1400.	9	9	9
1600.	9	9	9
1800.	9	9	9
2000.	9	9	9

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
FIXED VALUES

VALUE	0-5	5-10	0-10
25.	7	8	7
50.	8	8	9
100.	8	9	9
150.	9	9	9
200.	9	9	9
300.	9	9	9
400.	9	9	9
500.	9	9	9
600.	9	9	9
700.	9	9	9
800.	9	9	9
900.	9	9	9
1000.	9	9	9
1200.	9	9	9
1400.	9	9	9
1600.	9	9	9
1800.	9	9	9
2000.	9	9	9

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
% OF REGIONAL DENSITY

%	VALUE	0-5	5-10	0-10
25.	5.6	6	6	6
50.	11.3	8	8	7
75.	16.9	8	8	7
100.	22.5	8	9	9
150.	33.8	8	9	9
200.	45.0	8	9	9
300.	67.5	9	9	9
400.	90.0	9	9	9

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
% OF REGIONAL DENSITY

%	VALUE	0-5	5-10	0-10
25.	8.7	5	6	6
50.	17.4	8	8	7
75.	26.1	8	8	7
100.	34.8	8	8	9
150.	52.2	8	9	9
200.	69.6	8	9	9
300.	104.4	9	9	9
400.	139.2	9	9	9

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
% OF REGIONAL DENSITY

%	VALUE	0-5	5-10	0-10
25.	13.5	5	6	6
50.	27.1	8	8	7
75.	40.6	8	8	7
100.	54.2	8	8	9
150.	81.3	8	9	9
200.	108.4	8	9	9
300.	162.6	9	9	9
400.	216.8	9	9	9

LOWER COLORADO RIVER REGION

YEAR 1970 REGIONAL DENSITY 8.6

YEAR 1990 REGIONAL DENSITY 11.1

YEAR 2010 REGIONAL DENSITY 15.6

NUREG-0625 DENSITY
NUMBER OF SITES MEETING
0-5 5-10
% OF REG. DEN. 13 11
MFC FIXED DEN. 13 13

NUREG-0625 DENSITY
NUMBER OF SITES MEETING
0-5 5-10
% OF REG. DEN. 13 11
MFC FIXED DEN. 13 13

NUREG-0625 DENSITY
NUMBER OF SITES MEETING
0-5 5-10
% OF REG. DEN. 13 11
MFC FIXED DEN. 13 13

NUMBER OF SITES MEETING ALL OF THE
NUREG-0625 REQUIREMENTS IS 13 SITES
OUT OF 13 SITES

NUMBER OF SITES MEETING ALL OF THE
NUREG-0625 REQUIREMENTS IS 13 SITES
OUT OF 13 SITES

NUMBER OF SITES MEETING ALL OF THE
NUREG-0625 REQUIREMENTS IS 13 SITES
OUT OF 13 SITES

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
FIXED VALUES

VALUE	0-5	5-10	0-10
25.	13	12	13
50.	13	13	13
100.	13	13	13
150.	13	13	13
200.	13	13	13
300.	13	13	13
400.	13	13	13
500.	13	13	13
600.	13	13	13
700.	13	13	13
800.	13	13	13
900.	13	13	13
1000.	13	13	13
1200.	13	13	13
1400.	13	13	13
1600.	13	13	13
1800.	13	13	13
2000.	13	13	13

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
FIXED VALUES

VALUE	0-5	5-10	0-10
25.	13	12	13
50.	13	13	13
100.	13	13	13
150.	13	13	13
200.	13	13	13
300.	13	13	13
400.	13	13	13
500.	13	13	13
600.	13	13	13
700.	13	13	13
800.	13	13	13
900.	13	13	13
1000.	13	13	13
1200.	13	13	13
1400.	13	13	13
1600.	13	13	13
1800.	13	13	13
2000.	13	13	13

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
FIXED VALUES

VALUE	0-5	5-10	0-10
25.	13	12	13
50.	13	13	13
100.	13	13	13
150.	13	13	13
200.	13	13	13
300.	13	13	13
400.	13	13	13
500.	13	13	13
600.	13	13	13
700.	13	13	13
800.	13	13	13
900.	13	13	13
1000.	13	13	13
1200.	13	13	13
1400.	13	13	13
1600.	13	13	13
1800.	13	13	13
2000.	13	13	13

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
% OF REGIONAL DENSITY

%	VALUE	0-5	5-10	0-10
25.	2.1	13	11	11
50.	4.3	13	11	11
75.	6.4	13	11	11
100.	8.6	13	11	11
150.	12.9	13	11	12
200.	17.2	13	12	12
300.	25.8	13	12	13
400.	34.4	13	13	13

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
% OF REGIONAL DENSITY

%	VALUE	0-5	5-10	0-10
25.	2.8	13	11	11
50.	5.5	13	11	11
75.	8.3	13	11	11
100.	11.1	13	11	11
150.	16.6	13	11	12
200.	22.2	13	12	12
300.	33.3	13	13	13
400.	44.4	13	13	13

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
% OF REGIONAL DENSITY

%	VALUE	0-5	5-10	0-10
25.	3.9	13	11	11
50.	7.8	13	11	11
75.	11.7	13	11	11
100.	15.6	13	11	12
150.	23.4	13	12	12
200.	31.2	13	12	13
300.	46.8	13	13	13
400.	62.4	13	13	13

STRAIT JUAN DE FUCA REGION

YEAR 1970 REGIONAL DENSITY 40.1

YEAR 1990 REGIONAL DENSITY 45.4

YEAR 2030 REGIONAL DENSITY 56.7

NUMREG-0625 DENSITY
NUMBER OF SITES MEETING
0-5 5-10
% OF REG. DEN. 10 9
NRC FIXED DEN. 11 12

NUMREG-0625 DENSITY
NUMBER OF SITES MEETING
0-5 5-10
% OF REG. DEN. 10 9
NRC FIXED DEN. 11 12

NUMREG-0625 DENSITY
NUMBER OF SITES MEETING
0-5 5-10
% OF REG. DEN. 10 9
NRC FIXED DEN. 11 12

NUMBER OF SITES MEETING ALL OF THE
NUMREG-0625 REQUIREMENTS IS 11 SITES
OUT OF 12 SITES

NUMBER OF SITES MEETING ALL OF THE
NUMREG-0625 REQUIREMENTS IS 11 SITES
OUT OF 12 SITES

NUMBER OF SITES MEETING ALL OF THE
NUMREG-0625 REQUIREMENTS IS 10 SITES
OUT OF 12 SITES

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
FIXED VALUES

VALUE	0-5	5-10	0-10
25.	10	9	7
50.	11	11	10
100.	11	12	12
150.	11	12	12
200.	11	12	12
300.	12	12	12
400.	12	12	12
500.	12	12	12
600.	12	12	12
700.	12	12	12
800.	12	12	12
900.	12	12	12
1000.	12	12	12
1200.	12	12	12
1400.	12	12	12
1600.	12	12	12
1800.	12	12	12
2000.	12	12	12

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
FIXED VALUES

VALUE	0-5	5-10	0-10
25.	10	8	7
50.	10	11	10
100.	11	12	12
150.	11	12	12
200.	11	12	12
300.	12	12	12
400.	12	12	12
500.	12	12	12
600.	12	12	12
700.	12	12	12
800.	12	12	12
900.	12	12	12
1000.	12	12	12
1200.	12	12	12
1400.	12	12	12
1600.	12	12	12
1800.	12	12	12
2000.	12	12	12

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
FIXED VALUES

VALUE	0-5	5-10	0-10
25.	10	7	6
50.	10	10	10
100.	11	11	11
150.	11	12	12
200.	11	12	12
300.	11	12	12
400.	12	12	12
500.	12	12	12
600.	12	12	12
700.	12	12	12
800.	12	12	12
900.	12	12	12
1000.	12	12	12
1200.	12	12	12
1400.	12	12	12
1600.	12	12	12
1800.	12	12	12
2000.	12	12	12

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
% OF REGIONAL DENSITY

%	VALUE	0-5	5-10	0-10
25.	10.0	6	6	6
50.	20.0	10	7	7
75.	30.1	10	9	9
100.	40.1	10	10	10
150.	60.1	11	11	10
200.	80.2	11	12	12
300.	120.3	11	12	12
400.	160.4	11	12	12

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
% OF REGIONAL DENSITY

%	VALUE	0-5	5-10	0-10
25.	11.3	6	6	6
50.	22.7	10	7	7
75.	34.0	10	9	9
100.	45.4	10	10	10
150.	68.1	11	11	10
200.	90.8	11	12	12
300.	136.2	11	12	12
400.	181.6	11	12	12

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
% OF REGIONAL DENSITY

%	VALUE	0-5	5-10	0-10
25.	14.2	5	6	6
50.	28.3	10	7	7
75.	42.5	10	9	9
100.	56.7	10	10	10
150.	85.0	11	11	10
200.	113.4	11	12	12
300.	170.1	11	12	12
400.	226.8	11	12	12

IPROD CANAL REGION

YEAR 1970 REGIONAL DENSITY 37.8

YEAR 1990 REGIONAL DENSITY 42.8

YEAR 2030 REGIONAL DENSITY 53.5

NUMBER OF SITES MEETING
NUREG-0625 DENSITY
NUMBER OF SITES MEETING
0-5 5-10
% OF REG. DEN. 7 5
NIC FIXED DEN. 1 1

NUMBER OF SITES MEETING
NUREG-0625 DENSITY
NUMBER OF SITES MEETING
0-5 5-10
% OF REG. DEN. 7 5
NIC FIXED DEN. 1 1

NUMBER OF SITES MEETING
NUREG-0625 DENSITY
NUMBER OF SITES MEETING
0-5 5-10
% OF REG. DEN. 7 5
NIC FIXED DEN. 7 7

NUMBER OF SITES MEETING ALL OF THE
NUREG-0625 REQUIREMENTS IS 7 SITES
OUT OF 7 SITES

NUMBER OF SITES MEETING ALL OF THE
NUREG-0625 REQUIREMENTS IS 7 SITES
OUT OF 7 SITES

NUMBER OF SITES MEETING ALL OF THE
NUREG-0625 REQUIREMENTS IS 7 SITES
OUT OF 7 SITES

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
FIXED VALUES

VALUE	0-5	5-10	0-10
25.	7	4	6
50.	7	7	7
100.	7	7	7
150.	7	7	7
200.	7	7	7
300.	7	7	7
400.	7	7	7
500.	7	7	7
600.	7	7	7
700.	7	7	7
800.	7	7	7
900.	7	7	7
1000.	7	7	7
1200.	7	7	7
1400.	7	7	7
1600.	7	7	7
1800.	7	7	7
2000.	7	7	7

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
FIXED VALUES

VALUE	0-5	5-10	0-10
25.	7	2	5
50.	7	7	7
100.	7	7	7
150.	7	7	7
200.	7	7	7
300.	7	7	7
400.	7	7	7
500.	7	7	7
600.	7	7	7
700.	7	7	7
800.	7	7	7
900.	7	7	7
1000.	7	7	7
1200.	7	7	7
1400.	7	7	7
1600.	7	7	7
1800.	7	7	7
2000.	7	7	7

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
FIXED VALUES

VALUE	0-5	5-10	0-10
25.	7	2	2
50.	7	7	7
100.	7	7	7
150.	7	7	7
200.	7	7	7
300.	7	7	7
400.	7	7	7
500.	7	7	7
600.	7	7	7
700.	7	7	7
800.	7	7	7
900.	7	7	7
1000.	7	7	7
1200.	7	7	7
1400.	7	7	7
1600.	7	7	7
1800.	7	7	7
2000.	7	7	7

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
% OF REGIONAL DENSITY

%	VALUE	0-5	5-10	0-10
25.	9.4	5	1	2
50.	18.9	7	2	3
75.	28.3	7	5	7
100.	37.8	7	7	7
150.	56.7	7	7	7
200.	75.6	7	7	7
300.	113.4	7	7	7
400.	151.2	7	7	7

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
% OF REGIONAL DENSITY

%	VALUE	0-5	5-10	0-10
25.	10.7	5	1	2
50.	21.4	7	2	3
75.	32.1	7	5	7
100.	42.8	7	7	7
150.	64.2	7	7	7
200.	85.6	7	7	7
300.	128.4	7	7	7
400.	171.2	7	7	7

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
% OF REGIONAL DENSITY

%	VALUE	0-5	5-10	0-10
25.	13.4	5	1	1
50.	26.8	7	2	3
75.	40.1	7	5	7
100.	53.5	7	7	7
150.	80.3	7	7	7
200.	107.0	7	7	7
300.	160.5	7	7	7
400.	214.0	7	7	7

SKAGIT RIVER REGION

YEAR 1970 REGIONAL DENSITY 33.5

YEAR 1990 REGIONAL DENSITY 37.9

YEAR 2030 REGIONAL DENSITY 47.3

NUREG-0625 DENSITY NUMBER OF SITES MEETING			
	0-5	5-10	
% OF REG. DEN.	4	4	
NRC FIXED DEN.	6	7	

NUREG-0625 DENSITY NUMBER OF SITES MEETING			
	0-5	5-10	
% OF REG. DEN.	4	4	
NRC FIXED DEN.	6	6	

NUREG-0625 DENSITY NUMBER OF SITES MEETING			
	0-5	5-10	
% OF REG. DEN.	4	4	
NRC FIXED DEN.	6	6	

NUMBER OF SITES MEETING ALL OF THE
NUREG-0625 REQUIREMENTS IS 6 SITES
OUT OF 7 SITES

NUMBER OF SITES MEETING ALL OF THE
NUREG-0625 REQUIREMENTS IS 5 SITES
OUT OF 7 SITES

NUMBER OF SITES MEETING ALL OF THE
NUREG-0625 REQUIREMENTS IS 5 SITES
OUT OF 7 SITES

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
FIXED VALUES

VALUE	0-5	5-10	0-10
25.	4	4	4
50.	6	5	5
100.	6	6	5
150.	6	7	7
200.	6	7	7
300.	7	7	7
400.	7	7	7
500.	7	7	7
600.	7	7	7
700.	7	7	7
800.	7	7	7
900.	7	7	7
1000.	7	7	7
1200.	7	7	7
1400.	7	7	7
1600.	7	7	7
1800.	7	7	7
2000.	7	7	7

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
FIXED VALUES

VALUE	0-5	5-10	0-10
25.	4	4	4
50.	6	4	4
100.	6	6	5
150.	6	6	7
200.	6	7	7
300.	6	7	7
400.	7	7	7
500.	7	7	7
600.	7	7	7
700.	7	7	7
800.	7	7	7
900.	7	7	7
1000.	7	7	7
1200.	7	7	7
1400.	7	7	7
1600.	7	7	7
1800.	7	7	7
2000.	7	7	7

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
FIXED VALUES

VALUE	0-5	5-10	0-10
25.	4	4	4
50.	6	4	4
100.	6	6	5
150.	6	6	5
200.	6	7	7
300.	6	7	7
400.	6	7	7
500.	7	7	7
600.	7	7	7
700.	7	7	7
800.	7	7	7
900.	7	7	7
1000.	7	7	7
1200.	7	7	7
1400.	7	7	7
1600.	7	7	7
1800.	7	7	7
2000.	7	7	7

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
% OF REGIONAL DENSITY

%	VALUE	0-5	5-10	0-10
25.	3.4	4	3	3
50.	16.8	4	4	4
75.	25.1	4	4	4
100.	33.5	5	4	4
150.	50.3	6	5	5
200.	57.8	6	6	5
300.	104.5	6	6	5
400.	134.0	6	6	7

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
% OF REGIONAL DENSITY

%	VALUE	0-5	5-10	0-10
25.	9.5	4	3	3
50.	18.9	4	4	4
75.	28.4	4	4	4
100.	37.9	5	4	4
150.	56.8	6	5	5
200.	75.3	6	6	5
300.	113.7	6	6	5
400.	151.5	6	6	7

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
% OF REGIONAL DENSITY

%	VALUE	0-5	5-10	0-10
25.	11.8	4	3	3
50.	23.6	4	4	4
75.	35.5	4	4	4
100.	47.3	5	4	4
150.	70.9	6	5	5
200.	94.6	6	6	5
300.	141.9	6	6	5
400.	189.2	6	6	7

COWLITZ RIVER REGION

YEAR 1970 REGIONAL DENSITY 23.4

YEAR 1990 REGIONAL DENSITY 29.3

YEAR 2030 REGIONAL DENSITY 37.3

NUREG-0625 DENSITY
NUMBER OF SITES MEETING
0-5 5-10
% OF REG. DEN. 3 6
NRC FIXED DEN. 8 8

NUREG-0625 DENSITY
NUMBER OF SITES MEETING
0-5 5-10
% OF REG. DEN. 3 6
NRC FIXED DEN. 8 8

NUREG-0625 DENSITY
NUMBER OF SITES MEETING
0-5 5-10
% OF REG. DEN. 3 6
NRC FIXED DEN. 8 8

NUMBER OF SITES MEETING ALL OF THE
NUREG-0625 REQUIREMENTS IS 8 SITES
OUT OF 10 SITES

NUMBER OF SITES MEETING ALL OF THE
NUREG-0625 REQUIREMENTS IS 8 SITES
OUT OF 10 SITES

NUMBER OF SITES MEETING ALL OF THE
NUREG-0625 REQUIREMENTS IS 8 SITES
OUT OF 10 SITES

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
FIXED VALUES

VALUE	0-5	5-10	0-10
25.	6	6	6
50.	8	8	8
100.	8	8	8
150.	8	8	8
200.	8	10	10
300.	10	10	10
400.	10	10	10
500.	10	10	10
600.	10	10	10
700.	10	10	10
800.	10	10	10
900.	10	10	10
1000.	10	10	10
1200.	10	10	10
1400.	10	10	10
1600.	10	10	10
1800.	10	10	10
2000.	10	10	10

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
FIXED VALUES

VALUE	0-5	5-10	0-10
25.	6	6	6
50.	7	8	8
100.	8	8	8
150.	8	8	8
200.	8	8	8
300.	9	10	10
400.	10	10	10
500.	10	10	10
600.	10	10	10
700.	10	10	10
800.	10	10	10
900.	10	10	10
1000.	10	10	10
1200.	10	10	10
1400.	10	10	10
1600.	10	10	10
1800.	10	10	10
2000.	10	10	10

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
FIXED VALUES

VALUE	0-5	5-10	0-10
25.	5	6	6
50.	6	7	7
100.	8	8	8
150.	8	8	8
200.	8	8	8
300.	8	9	8
400.	9	10	10
500.	10	10	10
600.	10	10	10
700.	10	10	10
800.	10	10	10
900.	10	10	10
1000.	10	10	10
1200.	10	10	10
1400.	10	10	10
1600.	10	10	10
1800.	10	10	10
2000.	10	10	10

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
% OF REGIONAL DENSITY

%	VALUE	0-5	5-10	0-10
25.	5.8	3	2	3
50.	11.7	3	6	4
75.	17.5	5	6	6
100.	23.4	6	6	6
150.	35.1	6	7	8
200.	46.8	8	8	8
300.	70.2	8	8	9
400.	93.6	8	8	8

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
% OF REGIONAL DENSITY

%	VALUE	0-5	5-10	0-10
25.	7.3	3	2	3
50.	14.6	3	6	4
75.	22.0	5	6	6
100.	29.3	6	6	6
150.	43.9	6	7	8
200.	58.6	8	8	8
300.	87.9	8	8	8
400.	117.2	8	8	8

NUMBER OF SITES WITH SITE
DENSITY LESS THAN OR EQUAL
% OF REGIONAL DENSITY

%	VALUE	0-5	5-10	0-10
25.	9.3	3	2	3
50.	18.6	3	6	4
75.	28.0	5	6	6
100.	37.3	6	6	6
150.	55.9	6	7	8
200.	74.6	8	8	8
300.	111.9	8	8	8
400.	149.2	8	8	8

NESP SPONSORS

AB Karnkraft, AKK
Allied Chemical Corporation
American Nuclear Insurers
Arizona Public Service Company
Arkansas-Missouri Power Company
Arkansas Power & Light Co.
The Babcock & Wilcox Company
Bechtel Power Corporation
Black & Veatch
Boeing Engineering and Construction
Bonneville Power Administration
Boston Edison Company
Brown & Root, Inc.
Catalytic, Inc.
The Cleveland Electric Illuminating Company
Combustion Engineering, Inc.
Commonwealth Edison Company
Consolidated Edison Company
Consumers Power Company
The Detroit Edison Company
Dames & Moore
Duke Power Company
EDS Nuclear Inc.
El Paso Electric Company
Exxon Nuclear Company, Inc.
Florida Power & Light Company
General Electric Company
Georgia Power Company
Gibbs & Hill, Inc.
Gilbert/Commonwealth
Goodyear Atomic Corporation
Gulf States Utilities Company
Hittman Associates
Houston Lighting & Power Company
Illinois Power Company
Iowa Power & Light Company
Iowa-Illinois Gas and Electric Company
J. A. Jones Construction Company
Long Island Lighting Company
City of Los Angeles Department of Water and Power
Louisiana Power & Light Company
Merrill Lynch, Pierce, Fenner & Smith Inc.
Middle South Services, Inc.