

follows that both programs to accelerate desalting technology, namely those with 2000 sea water desalting costs of 20 and 25 cents/1000 gallons at 100 mgd scale, would both be a worthwhile expenditure of public funds, with the one aimed at a sea water desalting cost of 20 cents per 1000 gallons being the most cost effective of the two. It is the program that includes the 20 cent objective that is supported.

An Optimum Program to Accelerate Desalting Technology

An optimum program can be divided into a number of components. The program proposed does not see accelerating desalting technology as simply refining the chemical processes in a hardware sense, but looks to integrating desalting technology into the fabric of water resources planning and development. The constituent parts of this policy are:

a. Analysis of Potential Desalting Applications

There should be a continuing, innovative analysis of the potential applications of desalting. The Westwide Study of the Bureau of Reclamation, Department of the Interior, is illustrative of the desired approach. It should identify applications as a function of time, specific geographic locations and the production capacities which would be involved. It should also identify special