

instance in a low water use agricultural technology to grow high value crops. This has already begun to take place on a small scale in Kuwait on the Persian Gulf, where in enclosed green-houses the quantity of water required to grow high value crops is so small that its costs are not of prime importance. The economic use of desalted water for open field agriculture will, however, depend on additional research and development aimed at reducing unnecessary water losses and maximizing production per unit of water input. There are also possibilities of using desalting as part of innovative planning concepts which combine nuclear energy, desalted water and other components as a base for an economic community that might be set up at several areas that are arid but have access to sea water. A generalized study of the "energy center" concept or "nuplex" was conducted by the AEC's Oak Ridge National Laboratory in 1968-1969^(6, 7). More recently a more specific study of agro-industrial complexes was conducted for the Middle East in response to Senate Resolution 155.

Many cities are already using water of substandard quality⁽⁸⁾. Other cities are finding it very difficult to obtain legal entitlement