Citizens Awareness Network (CAN) supports an interim cool down process for decommissioning the Pilgrim Nuclear Power Plant. The Nuclear Regulatory Commission (NRC) decommissioning regulations permit a wide range of approaches under the “SAFSTOR” method, including irresponsible approaches such as mothballing the plant for decades. CAN supports the Planned Decommissioning and Site Remediation (PDSR) approach, which involves securing the site and allowing an interim cool down period to maximize safety and reduce radioactivity.

PDSR-SAFSTOR is a method that allows for a deliberate and thorough decommissioning that keeps the skilled and experienced workforce at the plant, allows for adequate planning and careful dismantlement, and focuses on safety and accountability.

PDSR-SAFSTOR can also decrease the cost of dismantlement and decommissioning. For example, the cool down process can significantly reduce the amount of waste that must be moved to a waste facility.

**CAN supports this PDSR deliberate and thorough process, and we note a few key requirements:**

1. The spent fuel must be moved out of the pool and into hardened, on-site storage as soon as possible.
2. The skilled workforce that is specifically knowledgeable about and experienced with the Pilgrim plant must be retained for the PDSR planning and implementation (up to 60% of the workforce may be needed).
3. The ultimate goal must be “greenfielding” the site – returning it to unrestricted use, both in terms of radioactivity and chemical contamination.
4. A Community Advisory Board must be involved in the oversight of the decommissioning process.

**Rancho Seco as a Model**

The Sacramento Municipal Utility District (SMUD) closed the Rancho Seco Nuclear Generating Station in June 1989, after 14 years of operation. SMUD retained a majority of the workforce during a PDSR-SAFSTOR process, and incremental dismantlement began in 1997, after an interim cool down period that also allowed funds to accumulate for this process. Except for 11 acres, the site was returned to unrestricted use in 2009. Waste continues to be monitored on-site in dry cask storage, with continuous security. SMUD has committed to renewable energy, and reports that as of 2010, it supplied 24% of its energy from renewable energy sources.