



# Department of Environmental Protection

Lawton Chiles  
Governor

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2600 Blair Stone Road  
Tallahassee, Florida 32399

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October 29, 1997

Mr. Dana Gaskins, Code 1857  
Southern Division  
Naval Facilities Engineering Command  
2155 Eagle Dr., P. O. Box 190010  
Charleston, South Carolina 29411

RE: Presentation of Technologies and Qualifications for  
Bioremediation of Pesticides for PSC 47. Naval Air  
Station Jacksonville, Florida

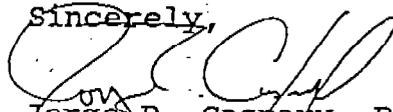
Dear Mr. Gaskins:

I have reviewed the above referenced document dated July  
1997 (received October 17, 1997) and have the following comment:

1. The document describes successful implementation of DDT bioremediation technologies; however, it seems that the bulk of the studies to date have been conducted for DDT and its byproducts (DDD and DDE). I believe it should be pointed out that DDT and its byproducts are not the only contaminants detected in soils at the PSC. In fact, compounds considered by FDEP more toxic than DDT have been detected at levels that substantially exceed applicable cleanup goals. Therein lies a weakness in the approach presented by the consultant. No mention is made of successful reduction of compounds such as Aldrin, Dieldrin, and beta-BHC by the proprietary technology. Before, I can concur with the approach presented, I recommend the consultant discusses estimated reduction objectives and timelines achievable not only for DDT and its byproducts but also for other compounds. Therefore, I propose this item be added to the December 17-19 team meeting.

In the interim, if I can be of any assistance in this matter, please contact me at 904/488-3935.

Sincerely,

  
Jorge R. Caspary, P.G.

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