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NAS CECIL FIELD, FL  
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MEMORANDUM REGARDING FLORIDA DEPARTMENT OF ENVIRONMENTAL  
PROTECTION REVIEW OF FINAL FEASIBILITY STUDY REPORT FOR OPERABLE UNIT 11  
(OU 11) SITE 45 NAS CECIL FIELD FL  
9/13/2001  
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION



# Department of Environmental Protection

Jeb Bush  
Governor

Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

David B. Struhs  
Secretary

**TO:** David Grabka, Remedial Project Manager, Technical Review Section

**THROUGH:** Tim Bahr, P.G., Supervisor, Technical Review Section **B**

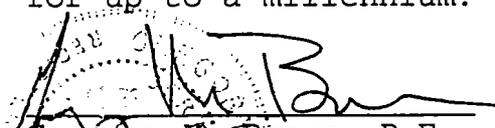
**FROM:** Greg Brown, P.E., Professional Engineer II **JB**  
Technical Review Section

**DATE:** September 13, 2001

**SUBJECT:** Final Feasibility Study Report for Operable Unit 11,  
Site 45, Former Naval Air Station Cecil Field,  
Jacksonville, Duval County, Florida

I reviewed the subject engineering document dated August 2001 (received August 21, 2001). It is adequate for its intent. The subject engineering report provides a viable range of likely remedial alternatives for risk managers to choose from. Mr. Mark P. Speranza, P.E., licensed Florida Professional Engineer, No. 50304, is the engineer of record for this engineering document. I have one minor comment for the record.

Natural attenuation of inorganic contaminants at Site 45 will require from 900 to 1300 years to attain cleanup goals. The cost estimate for this alternative is calculated for a limited 18 year project life. The time to cleanup should be emphasized over short-term cost estimates as a decision criterion when risk managers compare this alternative to others since theoretical life-cycle costs are significant. The Department of Energy's Office of Long-term Stewardship is developing program guidance to address management of sites with multi-generational risks. The Navy may wish to investigate the relevancy of these long-term stewardship guidances to Site 45 and assess whether or not they have the institutional resources and commitment to manage sites for up to a millennium.

  
Gregory M. Brown, P.E.  
Professional Engineer No. 42194  
Expires February 28, 2003  
9/13/01  
Date

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