



NAVAL RESEARCH LABORATORY

WASHINGTON, D.C. 20375

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15 Jul 76

From: Director, Naval Research Laboratory, Washington, D. C.
20375

To: Commander, DOD Aircraft Ground Fire Suppression and
Rescue Office, Wright-Patterson Air Force Base, Ohio
45433 (Julius Singer ASD/AEG-2)

Subj: R&D Report: MIPR FY7615-76-05064 - Improved Environmental
Impact Properties for AFFF Materials; forwarding of

Encl: (1) Two copies of subject report

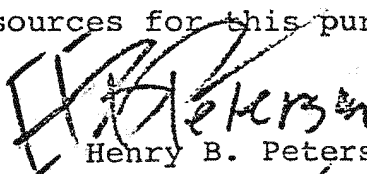
1. Enclosure (1) is forwarded herewith for your information
and retention.

Copy to:

Mr. Robert Darwin (NAVMAT OOF)
MAJ B. Pease (Tyndall AFB, FL)
Mr. C. Pohler (NAVSEA 0351)
Mr. A. Marchand (NAVSEC 6105F)

Subj: R&D Final Report: MIPR 7615-76-05064 - Improved
Environmental Impact Properties for AFFF Materials.

1. The change in the original schedule from completion of this project in August 1976 to June 1976 has meant that all of the planned objectives have not been fulfilled at this time.
2. Toxicity studies on marine organisms conducted by the Naval Ship Research and Development Center with the currently qualified Ansul AFFF material have been essentially completed and the report is being compiled. This work also included BOD and COD measurements. A complete profile of the 3 currently qualified AFFF products is now available. These data are essential to the preparation of the new revision of the MIL specification and as a base for improving the product environmentally.
3. The contract with the Ansul Co. for the development of environmentally improved AFFF formulations is in the final stages of negotiation.
4. It is anticipated that the above work will be completed in the near future but after June 30, 1976, the termination of support by the present sponsor. It is recommended that the results to date be carefully evaluated as to how they might be of immediate value such as in the revision of the specification, and also the direction of future, longer range efforts to reduce the potential impact of the release of AFFF into the environment. Further financial support is being solicited from other sources for this purpose.


Henry B. Peterson

Encl (1) to NRL ltr
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