

From: Satterfield, David B CIV SEA 05P14
To: Hunstad, Mary P CIV NAVSEA HQ, SEA 05; Baryliski, Douglas J CIV NAVSEA HQ, SEA 05; Fred (NRL 6180) Williams (fwilliam@ccs.nrl.navy.mil); John (NRL 6108.4) Farley (farley@ccs.nrl.navy.mil)
CC: Joe (HAI) Scheffey (joe@haifire.com); McGraw, Peter S CIV NAVSEA 05; Lyons, Ken T CIV NAVSEA HQ, SEA 05; Roche, Joseph M CIV NSWCCD Philadelphia, 6680; Hampson, Mark T CIV NSWCCD Philadelphia, 6680; Tweedie, Scott D CIV NSWCCD Philadelphia, 6680
Sent: 10/2/2008 11:39:06 AM
Subject: FW: Phase-Out of Perfluorooctanoic Acid (PFOA) - USD-AT&L Memo Aug 7, 2008
Attachments: PFOA Memo from IE Aug-7-08.pdf

Mary/Doug, Presume you saw this.

Thanks, Peter. Mary and Doug own the AFFF spec. They've been heavily involved in this issue since it's inception years ago.

R/ Dave

-----Original Message-----

From: McGraw, Peter S CIV NAVSEA 05
Sent: Wednesday, October 01, 2008 16:17
To: Budzichowski, Anthony CIV NAVSEA HQ, SEA 05; Satterfield, David B CIV SEA 05P14
Subject: FW: Phase-Out of Perfluorooctanoic Acid (PFOA)

I don't know if either of you were aware of this.

Peter McGraw
Systems Safety - Ships Technical Warrant NAVSEA 05M2 Bldg 197, Rm 2E-3017
1333 Isaac Hull Ave
SE Stop 5132
Washington Navy Yard, DC 20376-5132
202-781-2990 Office
202-907-6017 Cell

-----Original Message-----

From: Decamp, Chris E CIV SEA 07/07T
Sent: Wednesday, October 01, 2008 14:17
To: McGowan, Lawrence A CIV SEA 07 07L; Benzel, Robin A CIV SEA07, 07TR; Hellner, Joseph H CIV SEA 07 073R; Dellinger, Norman G CIV SEA07 PMS392; McClatchey, Michael D CIV SEA 07 394; Best, Wilton B CIV PEO SUB SUB; Pawlowski, Mark R CIV PEOSUB, PMS399; Vara, Vance L CIV PEO SUB 401; Castle, Nicholas C CIV PEO SUB 404; Gross, Paul J CIV PEOSUB PMS415; Jackson, Robert R CIV PEO SUB PMS425; Ore, Veradie L CIV PEOSUB PMS435; Miskimens, David A CIV PEOSUB PMS450; Gardner, Glenn E CIV SEA 07 07T; Breslin, Michael P CIV SEA 07 07T
Cc: Ford, Alfred H CIV SEA 07 07Q; Schulze, Steven SES SEA07 EXEC DIR; Scourby, Alex P CIV PEO SUB SUB; Evans, Jack CIV PEOSUB EXEC DIR; McGraw, Peter S CIV NAVSEA 05
Subject: FW: Phase-Out of Perfluorooctanoic Acid (PFOA)

The attached memo from the Office of the Under Secretary of Defense states that the chemical Perfluorooctanoic Acid (PFOA) is being phased out because of health concerns. This chemical is used in products that are critical to DOD. PFOA has been used in fluorocarbons and fluoropolymers with high temperature/pressure resistance properties (e.g. O-rings; tank and pipeline seals; engine housings) and was used in the past for production of AFFF for fire fighting foam.

Industry is committed to phasing out production and uses of PFOA by 95% by 2010 and 100% by 2015. Industry officials are committed to developing suitable substitutes for PFOA. DOD does not believe there is a risk in the intended phase-out of this chemical. However they are not familiar with all

of the current or planned uses that each program might have for this chemical. Therefore the memo states that Program Managers should ensure that any replacement articles formulated with substitute chemicals meet any specific performance requirements.

I am forwarding this for information and suggest that it be forwarded to appropriate laboratories, Engineers, Design Agents or Planning Yards to determine if there will be any program specific implications to the phase-out. The memo provides a POC at DOD to report any identified performance risks that will not be met. Therefore if anything is identified please let me know and I will put together a list of the applications and forward it to the DOD POC as requested.

R/

Chris DeCamp
Environmental and Occupational Safety and Health SEA 05U7TE
202-781-1284
chris.decamp@navy.mil

-----Original Message-----

From: Evans, Jack CIV PEOSUB EXEC DIR
Sent: Friday, September 12, 2008 14:04
To: Decamp, Chris E CIV SEA 07/07T
Cc: Scourby, Alex P CIV PEO SUB SUB; Schulze, Steven SES SEA07 EXEC DIR; Gardner, Glenn E CIV SEA 07 07T; Breslin, Michael P CIV SEA 07 07T
Subject: RE: Phase-Out of Perfluorooctanoic Acid (PFOA)

Chris

Proceed. I would think our actions/process would be common with things like obsolescence or vendor disqualifications - different reasons that programs need to find an alternative. Can we expect more details about the timing of the phase out?

R/Jack

-----Original Message-----

From: Decamp, Chris E CIV SEA 07/07T
Sent: Thursday, September 11, 2008 15:13
To: Evans, Jack CIV PEOSUB EXEC DIR
Cc: Scourby, Alex P CIV PEO SUB SUB; Schulze, Steven SES SEA07 EXEC DIR; Gardner, Glenn E CIV SEA 07 07T; Breslin, Michael P CIV SEA 07 07T
Subject: RE: Phase-Out of Perfluorooctanoic Acid (PFOA)

Mr. Evans,

There is no "formal" system in place to determine the impacts of a phase out of PFOAs (or any other emerging contaminant) on TEAMSUB platforms and systems.

The PFOA memo indicates DoD has met with chemical industry representatives and they have assured DoD that suitable substitutes are being developed. If a substitute can not be developed for a specific critical application, industry has the ability to extend production of PFOAs to meet that requirement. Additionally, DoD believes the risks to DoD functions and programs are minimal.

Unless you do not concur, I'll forward the PFOA memo to TEAMSUB PMSs for their information and recommend that they task their respective Planning Yard or Design Agent to determine if there is any impact on their submarines or systems. I'll also request they notify Mr. Yaroschak, OUSD(AT&L) and me if they identify applications where substitutes will not meet performance requirements.

V/r,

Chris DeCamp
Environmental and Occupational Safety and Health SEA 05U7TE

US00003013

202-781-1284
chris.decamp@navy.mil

-----Original Message-----

From: Evans, Jack CIV PEOSUB EXEC DIR
Sent: Thursday, September 11, 2008 6:49
To: Decamp, Chris E CIV SEA 07/07T
Cc: Scourby, Alex P CIV PEO SUB SUB; Schulze, Steven SES SEA07 EXEC DIR
Subject: FW: Phase-Out of Perfluorooctanoic Acid (PFOA)

Chris

Do you have a process to determine impact and actions related to Team Sub for items like this?

R/Jack

Jack Evans
Executive Director
PEO Submarines
(w) 202 781-4009

-----Original Message-----

From: Beyard, Matthew, Mr, OSD-ATL [mailto:Matthew.Beyard@osd.mil]
Sent: Wednesday, September 10, 2008 9:57
To: Allred Scott D CIV USMC; Andrews, William J Mr CIV USSOCOM HQ; Cardarelli, Joanne SES PEO(U&W); Cornelius, Steve PEO M&S; Englander, Keith CIV MDA/DE; Evans, Jack CIV PEOSUB EXEC DIR; Israel, Deryl Mr. AAC/EN; Johnson, Jeffrey L SES PEO IWS IWS; Smith, William Mr PEO SOLDIER; Sutton, James Calvin DPEO Ammunition; Thomsen, James E SES Dept of Navy, Principal Civilian Deputy ASN RD&A; Wright, Troy Mr. USMC; Baker, Pat Dr JIMTP PM; Beyard, Matthew; Brown, Eric, Dr, OSD-ATL; Buckelew, Robin AMRDEC; Butler, Paul SNL JMP Manager; Carney, Gary DAC; Collignon, Steve L CIV NSWCDD, G20; Cope, Randall D CIV NAWCWD; Gates, Robert V SES NSWCIIH, TD; Hanrahan, Robert DOE HQ; Huisveld, Pete AFRL/PRS; Lambert, Sam AFRL/MNGS; Lannon, Joe ARDEC; Lekoudis, Spiro, Dr, OSD-ATL; Mas, Eric LANL JMP Manager; Newman, Kirk USA SMDC; Pletcher, John AFRL; Russell, Tom AFOSR; Schexnayder, Mike SMDC; Sierakowski, Robert AFRL; Smith, Jill ARL; Swanson, Roger CIV NOSSA; Tanke, John R Mr CIV USSOCOM HQ; Watkins, Bruce LLNL JMP Manager; Allred CIV Scott D; Beyard, Matthew; Brian Fuchs; Carl Campagnuolo; Denny Cox; Porada, Don CIV NOSSA; kathryn.hunt@usmc.mil; Knoblett, Brent DDESB; Stephen Struck; Wacenske, Stephanie CIV MDA/QS; Wilson, William CIV DTRA; Aubert, Stephen Mr., MATG-III Army Co; Baker, Ernest Dr., MATG-IV Chair; Baker, Patrick Dr., JIMTP PM; Becker, Manfred CIV NAWCWD; Blashill, Stuart R CIV; Brock, Jeffrey Mr., JIMTP Support (BAH); Campbell, Mike Mr., JIMTP Support (BAH); Campbell, Richard Mr., MATG-I Army Co; Corley, Robert Dr., MATG-II AF Co; Droz, Nancy Ms., MATG-V AF Co; Duchow, Jennifer L. CIV; Eldredge, Nora Mrs., JIMTP TM; Fong, Richard Mr., MATG-III Army Co; Herzog, Kirk Mr., MATG-III AF Co; Hui, Philip Mr., MATG-V Army Co; Lambert, Dave Dr., MATG-IV AF Co; McFall, Keith Dr., MATG-I AF Co; Michienzi, Christine M CIV 40; Neidert, Jamie Dr., MATG-II Chair; Reed, K W CIV NAVSURFWARCENDIV; Trivedi, Nirupam J NAVAIR, WD; Tse, Frank C CIV NAVSURFWARCENDIV
Subject: FW: Phase-Out of Perfluorooctanoic Acid (PFOA)

All,

Passing along this memo from the DUSD (Installations and Environment) highlighting the phaseout of Perfluorooctanoic Acid (PFOA). Best known for its use in teflon-coated cookwear, it serves as an anti-foaming agent and has been used in fire-fighting foams as well. The goal is to reduce its production and use by 95% by 2010 and 100% by 2015.

Matt Beyard

-----Original Message-----

From: Melita, Anthony, Mr, OSD-ATL
Sent: Wednesday, September 10, 2008 7:41 AM
To: Brown, Eric, Dr, OSD-ATL; Beyard, Matthew, Mr, OSD-ATL
Subject: FW: Phase-Out of Perfluorooctanoic Acid (PFOA)

US00003014

Please send to the TAC and TCG and MTAG members

-----Original Message-----

From: Tretiak, Stefan, Mr, OSD-ATL

Sent: Tuesday, September 09, 2008 1:03 PM

To: Baum, Dennis, Dr, OSD-ATL; Beyard, Matthew, Mr, OSD-ATL; Brown, Eric, Dr, OSD-ATL; Donlin, Bruce, CTR, OSD-ATL; Edwards, Lloyd, CTR, OSD-ATL; Gonzalez, Jose, Mr, OSD-ATL; Kelly, Charles, Mr, OSD-ATL; Maline, Robert, Mr, OSD-ATL; Melita, Anthony, Mr, OSD-ATL; Mosher, Jeff, Col, OSD-ATL; Purdy, Ellen, Mrs, OSD-ATL; Rosario, Olga CTR OSD ATL; Swan, Stephen, CTR, OSD-ATL; Swanek, Anne, Ms, OSD-ATL; Tretiak, Stefan, Mr, OSD-ATL; Walsh, Michael, Mr, OSD-ATL
Subject: FW: Phase-Out of Perfluorooctanoic Acid (PFOA)

FYI. Share with you PMS as you see fit (they should have it already).
Please let me know if there are specific concerns or issues with any of our programs or products.

Steve