Exposure to EM Radiation from Radar:

Health Implications for Navy Personnel
Aviators, and other Military Servicemen / Radar Personnel

Research Executive Summary: EM Radiation emitted from Radar installations has been implicated in the increased incidence and mortality of several types of cancer and other disorders in Navy and other military personnel. Biomedical research implicating EM Radiation include:

Leukemia Band PR et. al. (1996)
Prostate cancer Band PR et. al. (1996)
Brain cancer Band PR et. al. (1996)
Rectal cancer Band PR et. al. (1996)
Hodgkin's Disease Band PR et. al. (1990)

Blood cell abnormalities:
- Decreased number of erythrocytes Budinscak V (1991)
- Decreased number of reticulocytes Budinscak V (1991)
- Decreased number of platelets Budinscak V (1991)
- Segmented granulocytes and monocytes Budinscak V (1991)
- Increased number of leucocytes and lymphocytes Budinscak V (1991)

Testicular cancer Davis RL et. al. (1993)
Hodgkin's disease Garland FC et. al. (1987)
Leukemia Garland FC et. al. (1990)
Leukemia Goldsmith JR (1995)
Brain cancer Goldsmith JR (1995)
Breast cancer Goldsmith JR (1995)
Blood count changes Goldsmith JR (1995)
Somatic mutation Goldsmith JR (1995)
Reproductive impairment Goldsmith JR (1995)
Cancer of the hematopoietic system Goldsmith JR (1995)
Decreased thrombocyte count Goldsmith JR (1995)
Decreased leukocyte counts Goldoni J et. al. (1990)
Changes in hematological and biochemical parameters Goldoni J (1993)
Abnormal electrical brain activity Goldoni J (1993)
Testicular cancer Grayson JK et. al. (1996)
Urinary bladder cancer Grayson JK et. al. (1996)
Excessive rates of cancer in all sites combined Grayson JK et. al. (1996)
Brain tumors Grayson JK (1996)
Decreased semen volume Hjollund NH et.al. (1997)
Decreased sperm count Hjollund NH et.al. (1997)
Brain cancer & CNS cancer Irvine D (1992)
Colon cancer Irvine D (1992)
Malignant melanoma Irvine D (1992)
Excessive mortality due to cancer as whole Irvine D (1992)
Seminoma testicular cancer Hardell L et. al. (1998)
Embryonal testicular cancer Hardell L et. al. (1998)
Uveal melanoma / intraocular melanoma Holly E (1996)
Decreased counts of lymphocytes and T8 cells  Moszczynski P et. al. (1999)
Higher cancer risks for the entire body  Hardell L et. al. (1998)
Melanoma of the eye  Hardell L et. al. (1998)
Testicular cancer  Hardell L et. al. (1998)
Nasopharyngioma  Hardell L et. al. (1998)
Non-Hodgkin's lymphoma  Hardell L et. al. (1998)
Breast cancer  Hardell L et. al. (1998)
Brain cancer  Richter ED et. al. (2002)
Respiratory cancer  Robinette CD et. al. (1980)
Bone cancer  Goldsmith J (1997)
Muscle cancer  Goldsmith J (1997)
Cardiovascular illnesses  Goldsmith J (1997)
Psychophysiologic disorders  Goldsmith J (1997)
Brain & other central nervous system cancer  Salisbury DA et. al. (1991)
Hodgkin's Disease  Salisbury DA et. al. (1991)
Colon cancer  Salisbury DA et. al. (1991)
Brain cancer  Santana VS et. al. (1999)
Brain cancer/ neoplasm  Silva M et. al. (2000)
Non-Hodgkin lymphoma  Silva M et. al. (2000)
Prostate cancer  Silva M et. al. (2000)
Neoplasms of the alimentary  Szmigielski S (1996)
Malignancies of the haemopoietic system  Szmigielski S (1996)
Malignancies of the lymphatic organs  Szmigielski S (1996)
Chronic myelocytic leukaemia  Szmigielski S (1996)
Acute myeloblastic leukaemia  Szmigielski S (1996)
Lowered sperm counts  Weyandt TB et. al. (1996)
Lower sperm / ejaculate  Weyandt TB et. al. (1996)

Literature Review Compiled By: Concerned Citizens Against the SBX (CCA-SBX)
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