

Abstract Submitted
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The Effect of X-Ray Lasers on the Strategic Defense Initiative (SDI) and the Resulting Government Changes THOMAS A. BOSTER, American Physical Society — Strong and intense monochromatic x-ray emission lines were found experimentally in the mid to late 1970's.¹⁻⁴ These findings resulted in the theoretical search for an x-ray laser system. These proposed systems for a “Star Wars” approach were made known to the highest levels of the United States Government.⁵ Details will be discussed and examples given.

¹T. A. Boster, et al., Bull. Am. Phys. Soc., 22 1240 (1977).

²T. A. Boster, et al., Bull. Am. Phys. Soc., 23 549 (1978).

³T. A. Boster, et al., Bull. Am. Phys. Soc., 24 507 (1979).

⁴T. A. Boster, et al., Bull. Am. Phys. Soc., 32 1060 (1987).

⁵Personal communication from Dr. Edward Teller.

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