

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

Form header section containing reporting person details (ARRAUX JAMES D), issuer name (UNITED STATES STEEL CORP), transaction date (05/27/2011), and relationship to issuer (Gn Cnsl & SVP-Corp. Aff.).

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

Table with 11 columns: 1. Title of Security (Instr. 3), 2. Transaction Date (Month/Day/Year), 2A. Deemed Execution Date, if any, and 8 empty columns for acquisition/disposal details.