



General Services Administration
 Office of Software Development and
 Information Technology
 5203 Leesburg Pike, Suite 1100
 Falls Church, VA 22041-3467

DATE: October 7, 1986

CERTIFICATE OF VALIDATION

This is to certify that the COBOL compiler named herein has been validated using the latest official version of the COBOL Compiler Validation System; and that no errors which may have been identified during a previous validation still appear; therefore, the compiler is in conformance with FIRMR 201-8.107-1, "FIPS PUB 21-1, Federal Standard COBOL", until the expiration date of this Certificate shown below. This certification applies to the compiler named below and any subsequent releases made within the period of the certification.

This compiler must be revalidated at least 30 days prior to the expiration date of this Certificate or a new Certificate must be issued by the Federal Software Management Support Center by the expiration date in order to keep the compiler in good standing and eligible for inclusion in the Certified Compiler List for the following year.

Vendor Name: Cray Research, Inc.
 Compiler Identification: CFT Version 1.15 Bug Fix 1
 Validation Hardware: Cray X-MP/4
 Validation Operating System: COS Version 1.15 Bug Fix 2
 Other Hardware/Software Environments*
 (1) Hardware: Cray X-MP/1 or 2
 Operating System: COS Version 1.15 Bug Fix 2
 (2) Hardware: Cray-1A, B, C, M, or S
 Operating System: COS Version 1.15 Bug Fix 2
 Validation Level: Full
 Expiration Date: November 1, 1987
 Validation Summary Report: OIT/FSMC-86/3900

*This list describes other Hardware/Operating System configurations under which the aforementioned compiler gives identical results.

Richard G. Harrison
 Director
 Federal Software Management Support Center