

Final Report Certification
for
CRADA Number ORNL 99-0533

Between

UT-Battelle, LLC

and

Caterpillar Inc.
(Participant)

Instructions:

Mark the appropriate statement in 1a or 1b below with an 'IX.' Refer to the articles in the CRADA terms and conditions governing the identification and marking of Protected CRADA Information.

If no PCI is identified, the report will be distributed without restriction. If PCI is identified, the report distribution will be limited in accordance with the CRADA terms and conditions governing release of data. In all cases items 2 and 3 must be true. That is, the report cannot contain Proprietary Information and a disclosure must be filed prior to release of the report.

This certification may either be made by using this form or may be made on company letterhead if the Participant desires. A faxed copy of this completed form is acceptable.

The following certification is made for the subject final report:

1. (a) The final report contains information that qualifies as "Protected CRADA Information" (PCI). The PCI legend is printed on the report cover, and the PCI is clearly identified.

OR

(b) The final report does not contain "Protected CRADA Information." The "Approved for Public Release" legend is printed on the report cover.

2. The final report does not contain Proprietary Information.

3. By the signature below, the Participant has no objection to the public distribution of the final report due to patentable information.

For the Participant:

Michael G. Pollard
(Name)

Sr. Research Engineer
(Title)

12/9/02
(Date)