

**CRADA Final Report**  
**CRADA No. BG99-247(00)**

1. Parties: LBNL and the United States Advanced Battery Consortium  
(Identify Parties to the CRADA)
2. Title of the Project: Characterization of Failure Modes in Lithium Metal Batteries
3. Summary of the specific research and project accomplishments:  
(Were the goals of the CRADA achieved? Include relevant information but do not include proprietary or protected CRADA information.)

No. Program was terminated after Task 1 due to changes in USABC goals.

4. Deliverables:

Deliverable Achieved	Party (LBNL, Participant, Both)	Delivered to Other Party?
Task 1 Deliverable	LBNL	Yes

5. Identify publications or presentations at conferences directly related to the CRADA?

None.

6. List of Subject Inventions and software developed under the CRADA:  
(Please provide identifying numbers or other information.)

None.

7. A final abstract suitable for public release:  
(Very brief description of the project and accomplishments without inclusion of any proprietary information or protected CRADA information.)

A plan was prepared to investigate the factors that controlled the growth of dendrites in lithium metal polymer batteries. Full agreement on the scope of the work could not be reached due to factors outside the control of the parties. The program was terminated as a result.

8. Benefits to DOE, LBNL, Participant and/or the U.S. economy.

None.

9. Financial Contributions to the CRADA:

DOE Funding to LBNL	\$0
Participant Funding to LBNL	\$150,000
Participant In-Kind Contribution Value	\$32,000
Total of all Contributions	\$182,000

## **DISCLAIMER**

This document was prepared as an account of work sponsored by the United States Government. While this document is believed to contain correct information, neither the United States Government nor any agency thereof, nor the Regents of the University of California, nor any of their employees, makes any warranty, express or implied, or assumes any legal responsibility for the accuracy, completeness, or usefulness of any information, apparatus, product, or process disclosed, or represents that its use would not infringe privately owned rights. Reference herein to any specific commercial product, process, or service by its trade name, trademark, manufacturer, or otherwise, does not necessarily constitute or imply its endorsement, recommendation, or favoring by the United States Government or any agency thereof, or the Regents of the University of California. The views and opinions of authors expressed herein do not necessarily state or reflect those of the United States Government or any agency thereof or the Regents of the University of California.