PMC-EF2a
(20.6.02)

U.S. DEPARTMENT OF ENERGY
EERE PROJECT MANAGEMENT CENTER
NEPA DETERMINATION

RECIPIENT: Strategic Analysis, Inc. **STATE:** VA

PROJECT TITLE : Hydrogen Storage System Cost Assessment

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA-0000420	DE-EE0005253	GFO-0005253-001	EE5253

Based on my review of the information concerning the proposed action, as NEPA Compliance Officer (authorized under DOE Order 451.1A), I have made the following determination:

CX, EA, EIS APPENDIX AND NUMBER:
Description:

A9 Information gathering (including, but not limited to, literature surveys, inventories, audits), data analysis (including computer modeling), document preparation (such as conceptual design or feasibility studies, analytical energy supply and demand studies), and dissemination (including, but not limited to, document mailings, publication, and distribution; and classroom training and informational programs), but not including site characterization or environmental monitoring.

Rational for determination:

Strategic Analysis, Inc. would utilize funding to conduct cost analyses of hydrogen storage systems suitable for automotive, stationary, portable, backup, and fork-lift applications. Hydrogen systems expected to be evaluated include: compressed gas (350 and 700bar), cryocompressed, liquid hydrogen, cryo-compressed storage, adsorbent materials, low temperature metal hydrides, complex metal hydrides, and chemical hydrogen storage materials. This project is limited to literature studies, technical analysis, modeling, and dissemination activities. No demonstration or construction activities would be performed over the course of this project. See the Statement of Project Objectives for the details of each individual task proposed.

Total Project Funding: $1,448,441 (DOE)

All tasks within the project involve information gathering, data analysis, document preparation, and dissemination; therefore the DOE has categorized this proposal into Categorical Exclusion A9.

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

If you intend to make changes to the scope or objective of your project you are required to contact the Project Officer identified in Block 11 of the Notice of Financial Assistance Award before proceeding. You must receive notification of approval from the DOE Contracting Officer prior to commencing with work beyond that currently approved.

Note to Specialist :

EF2a prepared by Casey Strickland

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: Kristin Kerwin, NEPA Compliance Officer Date: 9/22/2011