

**GOVERNMENT OF INDIA  
POWER  
LOK SABHA**

UNSTARRED QUESTION NO:1960  
ANSWERED ON:24.08.2007  
MoU BETWEEN NTPC AND BARC  
Patel Shri Kishanbhai Vestabhai;Singh Shri Sugrib

**Will the Minister of POWER be pleased to state:**

- (a) whether National Thermal Power Corporation (NTPC) has signed any Memorandum of Understanding (MoU) with Bhabha Atomic Research Centre (BARC) to develop an automated boiler tube inspection system;
- (b) if so, the terms and conditions thereof;
- (c) the estimated expenditure likely to be incurred therein; and
- (d) the time by which the project is likely to be completed?

**Answer**

MINISTER OF THE STATE IN THE MINISTRY OF POWER ( SHRI SUSHILKUMAR SHINDE )

(a) : Yes, Sir.

(b) : NTPC Ltd. has signed Memorandum of Understanding (MoU) with Bhabha Atomic Research Centre (BARC) on 26.07.2007 for collaborative research to `Develop and Deliver Automated Boiler Tube Inspection System for Coal Based Thermal Power Plants`. This is a project to develop a prototype crawler for Automated Boiler Tube Inspection in Coal Based Power Station. NTPC Ltd. will supply inspection probes. The BARC will develop the technology and assemble the prototype Automated Boiler Tube Inspection System in their robotic lab at BARC. The prototype will be tested in one of the power stations of NTPC Ltd.

(c) : Preliminary estimated cost of this collaboration research project is Rs.170 lakhs.

(d) : Total time envisaged for completion of this project is 26 months.