

**Nuclear Power Corporation of India Limited**

# **Measuring safety climate**

**An Experience Sharing.....**

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**Every effort is made by every member to ensure  
that all activities are done the right way**

## Safety culture

The way we do things here



Assembly of **characteristics and attitudes** in **organizations and individuals** which establishes that , as an **overriding priority**, nuclear plant safety issues receive the attention warranted by their significance



## Safety climate

Employee perception on safety

Safety culture  
emerged after  
analysis of  
Chernobyl accident



**26<sup>th</sup> April 1986**

**440** commercial nuclear power reactors

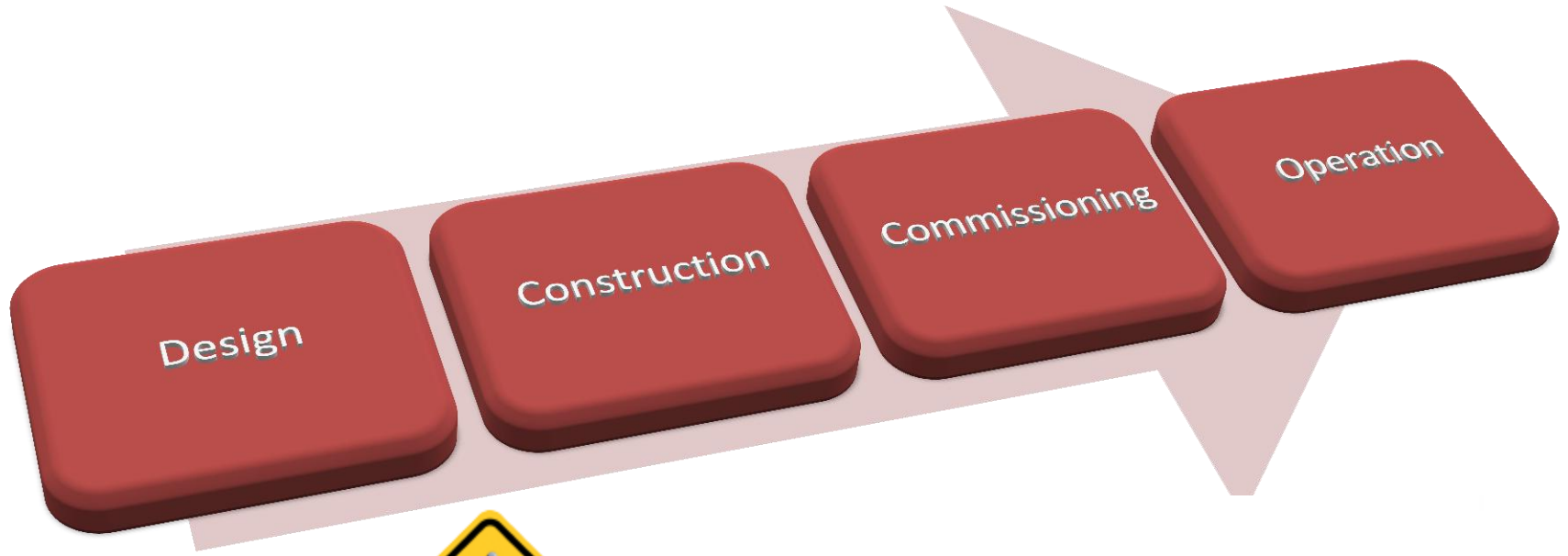
In **31** countries

About **60** more reactors are under construction.

In **13** Countries



**Safety culture assessment is important  
to improve safety**



**Nuclear power is inevitable solution to India's energy need**

# Questionnaire

- **11 attributes**
- **66 questions**
- **232 samples**
- **76560 data**

1)Visible commitment of top mgt

2)Safety role of Line managers

3)Involvement of employees

4)Supportive organizational culture

5)Training and coaching

6)Importance to safety

7)Openness to communicate for safety improvements

8)Mutual trust

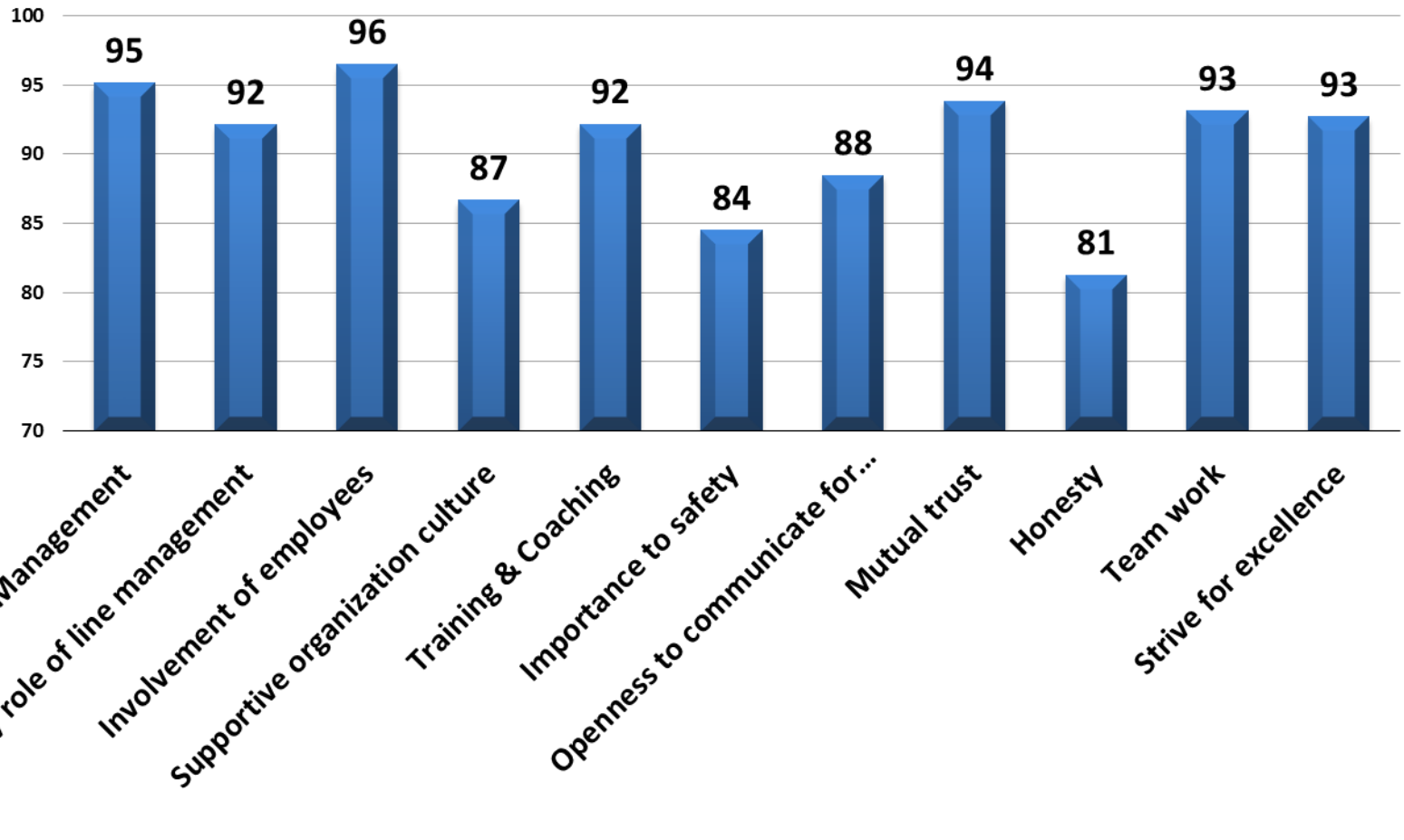
9)Honesty

10)Team work

11)Strive for excellence

# Overall Safety Culture Status

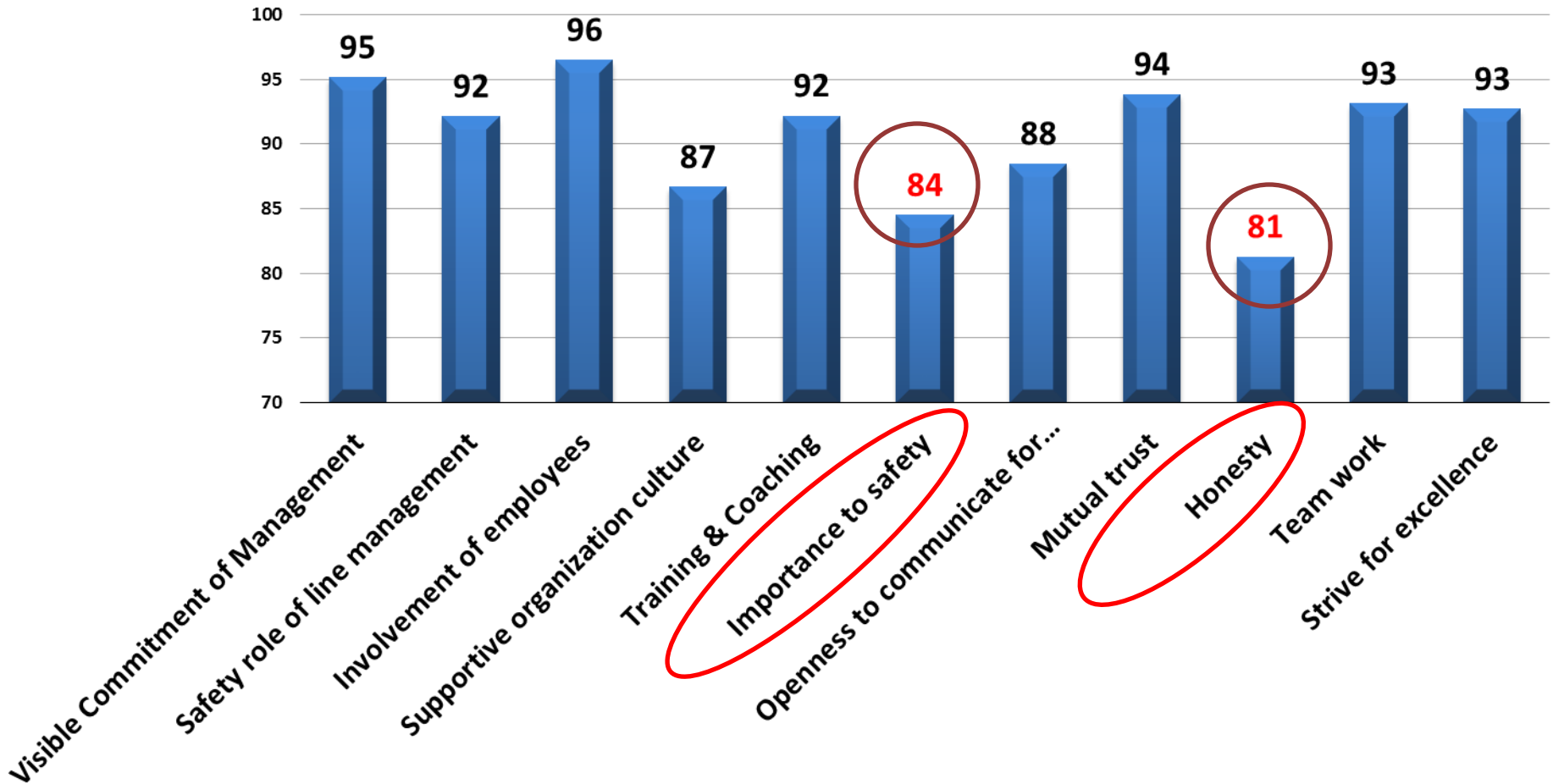
*Values are in percentage*





# Overall Safety Culture Status

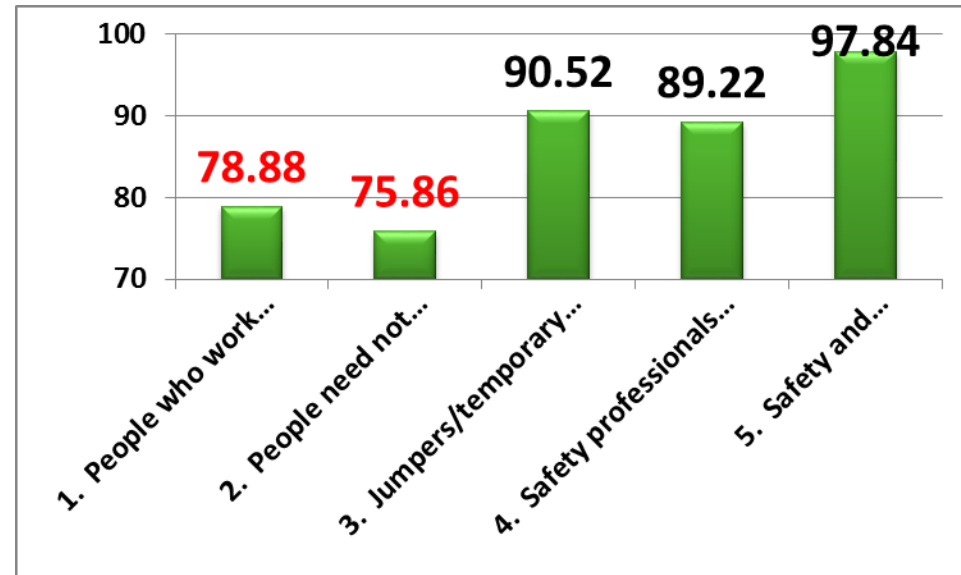
Values are in percentage



# Importance to Safety

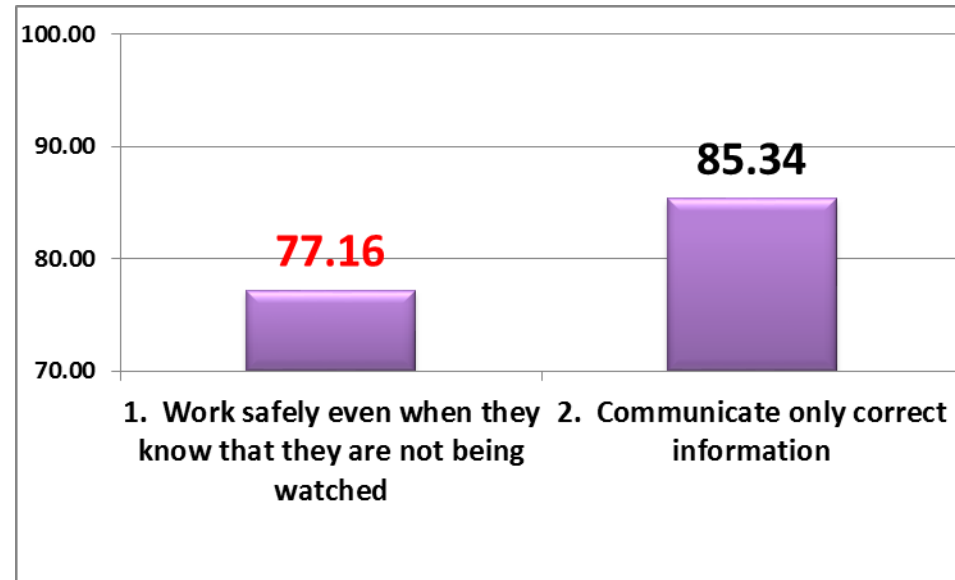
At our site, people who work safely get due recognition

At our site, people need not **report a safety problem several times** to get it corrected.



# Honesty

Employees, including contractors, **work safely even when they know that they are not being watched.**



# Conclusion

- **Enhance recognition** for people
- **Resolve** safety issues **without repeated requests**
- **Follow safety** even when they are **not watched**

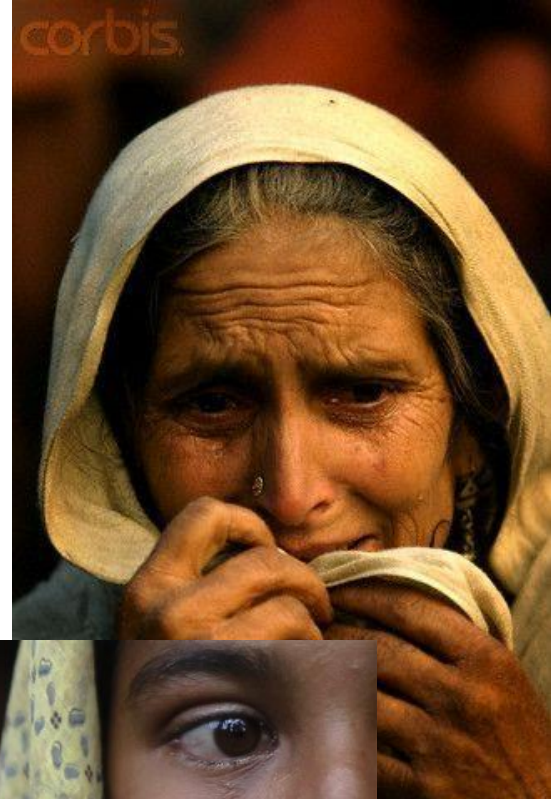


# What did we learn?

- Safety climate mapping a tool for measuring safety culture
- Workshop prior to safety culture mapping enhances effectiveness of reporting.

Whoever refuses to hear the cry of the poor,  
will also cry himself  
**But he won't be answered !!**

.....**Proverb**



***Thank you for your valuable encouragement***

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